

WEST Search History

DATE: Thursday, October 14, 2004

Hide?	Set Name	Query	Hit Count
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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ

<input type="checkbox"/>	L24	L23 AND L10	6
<input type="checkbox"/>	L23	CPK-MB	77
<input type="checkbox"/>	L22	L21 AND coronary artery disease	46
<input type="checkbox"/>	L21	L19 AND L10	623
<input type="checkbox"/>	L20	L19 AND CPK-MB	1
<input type="checkbox"/>	L19	530/300,324,399.CCLS.	8149
<input type="checkbox"/>	L18	L16 AND L10	0
<input type="checkbox"/>	L17	L16 AND CPK-MB	0
<input type="checkbox"/>	L16	5300/300,324,399.CCLS.	0
<input type="checkbox"/>	L15	L14 AND CPK-MB	2
<input type="checkbox"/>	L14	514/2.CCLS.	6335
<input type="checkbox"/>	L13	517/2.CCLS.	0
<input type="checkbox"/>	L12	L11 AND coronary artery disease	2
<input type="checkbox"/>	L11	L8 AND L10	57
<input type="checkbox"/>	L10	FGF-1 OR FGF-2 OR aFGF OR bFGF OR VEGF	12449
<input type="checkbox"/>	L9	L8 AND CPK-MB	0
<input type="checkbox"/>	L8	424/9.1.CCLS.	922
<input type="checkbox"/>	L7	L6 AND coronary artery disease	18
<input type="checkbox"/>	L6	CPK-MB	77
<input type="checkbox"/>	L5	Franco.IN.	6556
<input type="checkbox"/>	L4	Franco-W.IN.	4
<input type="checkbox"/>	L3	Franco-Wayne.IN.	0
<input type="checkbox"/>	L2	Franco-W-P.IN.	3
<input type="checkbox"/>	L1	(Franco-Wayne-P.IN.)	7

END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20040167070 A1

Using default format because multiple data bases are involved.

L24: Entry 1 of 6

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167070 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw. Des.
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☐ 2. Document ID: US 20040116349 A1

L24: Entry 2 of 6

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116349 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising

the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 3. Document ID: US 20040023863 A1

L24: Entry 3 of 6

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040023863
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040023863 A1

TITLE: Methods of use growth factors for treating heart disease

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 4. Document ID: US 20020058612 A1

L24: Entry 4 of 6

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058612
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020058612 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 5. Document ID: US 6759386 B2

L24: Entry 5 of 6

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco; Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 6. Document ID: US 20040167070 A1, WO 200177328 A1, AU 200155237 A, US 20020058612 A1, US 20040023863 A1, US 20040116349 A1, US 6759386 B2

L24: Entry 6 of 6

File: DWPI

Aug 26, 2004

DERWENT-ACC-NO: 2002-049148

TITLE: Treatment of heart disease brought on by e.g. myocardial infarction, unstable angina, thrombolytic therapy, bypass surgery or angioplasty, comprises multi-tiered administration of growth factors

INVENTOR: FRANCO, W P

PRIORITY-DATA: 2000US-195624P (April 6, 2000), 2001US-0828330 (April 6, 2001), 2003US-0730831 (December 9, 2003), 2003US-0731197 (December 9, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040167070 A1	August 26, 2004		000	A61K038/18
WO 200177328 A1	October 18, 2001	E	089	C12N015/12
AU 200155237 A	October 23, 2001		000	
US 20020058612 A1	May 16, 2002		000	A61L009/04
US 20040023863 A1	February 5, 2004		000	A61K038/18
US 20040116349 A1	June 17, 2004		000	A61K038/18
US 6759386 B2	July 6, 2004		000	A61K038/18

INT-CL (IPC): A61 K 38/18; A61 L 9/04; C07 K 5/00; C07 K 14/52; C12 N 15/12

ABSTRACTED-PUB-NO: US20020058612A

BASIC-ABSTRACT:

NOVELTY - Treatment of heart disease comprising multi-tiered administration of growth factors.

DETAILED DESCRIPTION - Systematic multi-tiered treatment of heart disease comprises delivery of therapeutic growth factor proteins (GFP) by:

- (a) oral inhalation of at least one dose of an effective amount of a first therapeutic GFP formulation in a patient displaying symptoms of heart disease;
- (b) monitoring levels of CPK-MB in the patient;
- (c) determining whether administration of the GFP formulation was effective in treating the symptoms;
- (d) administering one or ore additional doses of a second GFP formulation by a delivery method more invasive than oral inhalation; and
- (e) repeating steps (b)-(d) until there is a clinical indication of amelioration of the symptoms of heart disease in the patient, or until there is a contraindication to continued treatment.

INDEPENDENT CLAIMS are also included for the following:

- (1) administration of therapeutic amounts of GFP formulation for treatment of heart disease by inhalation;
- (2) monitoring clinical effectiveness of administration of a GFP formulation in the treatment of heart disease comprising:
 - (i) performing an assay on a sample of biological fluid from a patient displaying symptoms of heart disease to determine the amount of CPK-MB present in the fluid;
 - (ii) administering a therapeutic amount of GFP formulation to the patient; and

(iii) repeating steps (i) and (ii) until the assayed amount of CPK-MB in the biological fluid has decreased by an amount sufficient to indicate the clinical effectiveness of the administration of the GFP formulation.

ACTIVITY - Cardiant. Pellets containing 10 or 100 micro g basic fibroblast growth factor (bFGF) or placebo were placed on the epicardial surface in patients with a viable and ischemic myocardial area that could not be revascularized, during coronary artery bypass surgery. After 16 months patients were angina free with the exception of 3 people in the placebo group and 1 patient who received the 10 micro g pellet.

MECHANISM OF ACTION - Angiogenesis stimulator.

USE - The method is used for the treatment of heart disease, where the symptoms are chronic or acute, especially where the symptoms are brought on by myocardial infarction, unstable angina, acute anginal attack or reperfusion injury, preferably induced by thrombolytic therapy, bypass surgery or angioplasty (claimed).

ADVANTAGE - Inhalation is the least invasive method of delivering the growth factors to the lungs. Prior are invasive approaches have not been successful in promoting angiogenesis. The pericardial space serves as a drug delivery reservoir for delivery of therapeutic agents to the heart. Use of a catheter avoids the need for open chest surgery. Intravenous infusions are practical, low cost and can be used in a broad group of patients. Treatment can be repeated easily and may not require any special facilities.

ABSTRACTED-PUB-NO:

WO 200177328A EQUIVALENT-ABSTRACTS:

NOVELTY - Treatment of heart disease comprising multi-tiered administration of growth factors.

DETAILED DESCRIPTION - Systematic multi-tiered treatment of heart disease comprises delivery of therapeutic growth factor proteins (GFP) by:

- (a) oral inhalation of at least one dose of an effective amount of a first therapeutic GFP formulation in a patient displaying symptoms of heart disease;
- (b) monitoring levels of CPK-MB in the patient;
- (c) determining whether administration of the GFP formulation was effective in treating the symptoms;
- (d) administering one or ore additional doses of a second GFP formulation by a delivery method more invasive than oral inhalation; and
- (e) repeating steps (b)-(d) until there is a clinical indication of amelioration of the symptoms of heart disease in the patient, or until there is a contraindication to continued treatment.

INDEPENDENT CLAIMS are also included for the following:

- (1) administration of therapeutic amounts of GFP formulation for treatment of heart disease by inhalation;
- (2) monitoring clinical effectiveness of administration of a GFP formulation in the treatment of heart disease comprising:
 - (i) performing an assay on a sample of biological fluid from a patient displaying symptoms of heart disease to determine the amount of CPK-MB present in the fluid;
 - (ii) administering a therapeutic amount of GFP formulation to the patient; and

(iii) repeating steps (i) and (ii) until the assayed amount of CPK-MB in the biological fluid has decreased by an amount sufficient to indicate the clinical effectiveness of the administration of the GFP formulation.

ACTIVITY - Cardiant. Pellets containing 10 or 100 micro g basic fibroblast growth factor (bFGF) or placebo were placed on the epicardial surface in patients with a viable and ischemic myocardial area that could not be revascularized, during coronary artery bypass surgery. After 16 months patients were angina free with the exception of 3 people in the placebo group and 1 patient who received the 10 micro g pellet.

MECHANISM OF ACTION - Angiogenesis stimulator.

USE - The method is used for the treatment of heart disease, where the symptoms are chronic or acute, especially where the symptoms are brought on by myocardial infarction, unstable angina, acute anginal attack or reperfusion injury, preferably induced by thrombolytic therapy, bypass surgery or angioplasty (claimed).

ADVANTAGE - Inhalation is the least invasive method of delivering the growth factors to the lungs. Prior are invasive approaches have not been successful in promoting angiogenesis. The pericardial space serves as a drug delivery reservoir for delivery of therapeutic agents to the heart. Use of a catheter avoids the need for open chest surgery. Intravenous infusions are practical, low cost and can be used in a broad group of patients. Treatment can be repeated easily and may not require any special facilities.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw. Des.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L23 AND L10	6

Display Format:

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20040167070 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 7

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167070 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Des
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☐ 2. Document ID: US 20040116349 A1

L1: Entry 2 of 7

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116349 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising

the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Des
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☐ 3. Document ID: US 20040023863 A1

L1: Entry 3 of 7

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040023863

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040023863 A1

TITLE: Methods of use growth factors for treating heart disease

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Des
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☐ 4. Document ID: US 20020058612 A1

L1: Entry 4 of 7

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058612 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Des
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☐ 5. Document ID: US 6759386 B2

L1: Entry 5 of 7

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco; Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw Des
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☐ 6. Document ID: US 4378347 A

L1: Entry 6 of 7

File: USPT

Mar 29, 1983

US-PAT-NO: 4378347

DOCUMENT-IDENTIFIER: US 4378347 A

TITLE: Composition for treating the heart for myocardial infarction

DATE-ISSUED: March 29, 1983

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Franco; Wayne P.</u>	Wethersfield	CT	06109	

US-CL-CURRENT: 424/565; 514/21, 514/777

ABSTRACT:

An effective dose of FGF for treatment of the heart is suspended in a slow release carrier and used in treatment of ischemic heart disease.

2 Claims, 0 Drawing figures

Exemplary Claim Number: 1,2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Des
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☐ 7. Document ID: US 4296100 A

L1: Entry 7 of 7

File: USPT

Oct 20, 1981

US-PAT-NO: 4296100

DOCUMENT-IDENTIFIER: US 4296100 A

**** See image for Certificate of Correction ****

TITLE: Method of treating the heart for myocardial infarction

DATE-ISSUED: October 20, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Franco; Wayne P.</u>	Wethersfield	CT	06109	

US-CL-CURRENT: 424/565; 514/21

ABSTRACT:

The heart is treated with fibroblast growth factor to alleviate conditions caused by myocardial infarctions as by reducing the size of damaged heart areas. An effective dose of fibroblast growth factor when applied to the heart is found to increase blood flow in affected areas for a period of at least 4 hours and often more.

13 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Des
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Terms	Documents
(Franco-Wayne-P.IN.)	7

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Search Results - Record(s) 1 through 3 of 3 returned.

- ☐ 1. Document ID: US 20040167070 A1, WO 200177328 A1, AU 200155237 A, US 20020058612 A1, US 20040023863 A1, US 20040116349 A1, US 6759386 B2

Using default format because multiple data bases are involved.

L2: Entry 1 of 3

File: DWPI

Aug 26, 2004

DERWENT-ACC-NO: 2002-049148

DERWENT-WEEK: 200457

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TITLE: Treatment of heart disease brought on by e.g. myocardial infarction, unstable angina, thrombolytic therapy, bypass surgery or angioplasty, comprises multi-tiered administration of growth factors

INVENTOR: FRANCO, W P

PRIORITY-DATA: 2000US-195624P (April 6, 2000), 2001US-0828330 (April 6, 2001), 2003US-0730831 (December 9, 2003), 2003US-0731197 (December 9, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>US 20040167070 A1</u>	August 26, 2004		000	A61K038/18
<u>WO 200177328 A1</u>	October 18, 2001	E	089	C12N015/12
<u>AU 200155237 A</u>	October 23, 2001		000	
<u>US 20020058612 A1</u>	May 16, 2002		000	A61L009/04
<u>US 20040023863 A1</u>	February 5, 2004		000	A61K038/18
<u>US 20040116349 A1</u>	June 17, 2004		000	A61K038/18
<u>US 6759386 B2</u>	July 6, 2004		000	A61K038/18

INT-CL (IPC): A61 K 38/18; A61 L 9/04; C07 K 5/00; C07 K 14/52; C12 N 15/12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	PubC	Draw Desc
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- ☐ 2. Document ID: US 4378347 A

L2: Entry 2 of 3

File: DWPI

Mar 29, 1983

DERWENT-ACC-NO: 1983-36768K

DERWENT-WEEK: 198315

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TITLE: Fibroblast growth factor in slow-release carrier - for treating ischaemic heart disease

INVENTOR: FRANCO, W P

PRIORITY-DATA: 1981US-0274722 (June 18, 1981), 1980US-0164074 (June 30, 1980)

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.3&ref=2&dbname=PGPB,USPT,US...> 10/14/04

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4378347 A	March 29, 1983		005	

INT-CL (IPC): A61K 35/55

ABSTRACTED-PUB-NO: US 4378347A
BASIC-ABSTRACT:

A dose of fibroblast growth factor (FGF) effective for treating the heart, suspended in a slow-release carrier for use in treatment of ischaemic heart disease is claimed. The carrier pref. comprises dextran beads. Admin. is pref. by direct injection into the heart, the dosage being 0.01-1000 mg per 100 g of heart. Intravenous, subcutaneous or oral admin. is also possible.

Admin. of the dose after myocardial infarction produces a sustained increase in blood flow in and around the damaged areas of myocardium and reduces the extent of damage.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FORM	Draw. Des.
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☐ 3. Document ID: US 4296100 A, GB 2090528 A, GB 2090528 B, JP 57500878 W, WO 8200098 A

L2: Entry 3 of 3

File: DWPI

Oct 20, 1981

DERWENT-ACC-NO: 1981-83435D
DERWENT-WEEK: 198145
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TITLE: Treating the heart with fibroblast growth factor - to alleviate conditions caused by myocardial infarction(s)

INVENTOR: FRANCO, W P

PRIORITY-DATA: 1980US-0164074 (June 30, 1980), 1981US-0274722 (June 18, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 4296100 A	October 20, 1981		005	
GB 2090528 A	July 14, 1982		000	
GB 2090528 B	August 15, 1984		000	
JP 57500878 W	May 20, 1982		000	
WO 8200098 A	January 21, 1982	E	000	

INT-CL (IPC): A61K 9/00; A61K 35/55

ABSTRACTED-PUB-NO: GB 2090528B
BASIC-ABSTRACT:

Treatment of an area in the heart of a patient subjected to ischemic heart disease comprises admin. of fibroblast growth factor (FGF) to the heart.

After the treatment blood flow is increased for sustained periods after myocardial infarction. The treatment is useful after myocardial infarction (or when there is an indication of impending myocardial infarction), when blood flow is increased in the treatment area and in surrounding areas. It is also useful with heart surgery procedures e.g. coronary by-pass operations, to reduce the quantity of myocardium

damage due to ischemic disease. FGF is a known mitogenic agent for a variety of mesodermal cells in vitro and it has been used to increase vascularisation in the cornea of laboratory animals. Dose is 10 micrograms-1g.100g heart by direct injection, esp. intravenously. The treatment is useful in man, cats, dogs, cows, etc.

ABSTRACTED-PUB-NO:

US 4296100A EQUIVALENT-ABSTRACTS:

A composition for use in the treatment of ischemic heart disease, comprising fibroblast growth factor (FGF) in association with a carrier material which ensures a slow release of the FGF therefrom, the carrier material being dextran or an albumin macro-aggregate.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Des
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Terms	Documents
Franco-W-P.IN.	3

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: WO 2003033917 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 4

File: DWPI

Apr 24, 2003

DERWENT-ACC-NO: 2003-343371

DERWENT-WEEK: 200332

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: A double acting actuator for exerting tensile and thrust forces comprise a flexible annular cylinder with top and bottom end caps forming two chambers each with an inlet for a pressurizing fluid

INVENTOR: FERRARESI, C; FRANCO, W; QUAGLIA, G

PRIORITY-DATA: 2001IT-TO00984 (October 17, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 2003033917 A1</u>	April 24, 2003	E	017	F15B015/10

INT-CL (IPC): F15 B 15/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	EMC	Draw. Des.
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☐ 2. Document ID: IT 1292335 B

L4: Entry 2 of 4

File: DWPI

Jan 29, 1999

DERWENT-ACC-NO: 2001-467388

DERWENT-WEEK: 200151

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Muscular actuator using fluid with straight fibers - NoAbstract

INVENTOR: FERRARESI, C; FRANCO, W; MANUELLO BERTETTO, A

PRIORITY-DATA: 1997IT-TO00499 (June 9, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>IT 1292335 B</u>	January 29, 1999		000	F15B000/00

INT-CL (IPC): F15 B 0/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	EMC	Draw. Des.
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☐ 3. Document ID: BE 1010130 A4

L4: Entry 3 of 4

File: DWPI

Jan 6, 1998

DERWENT-ACC-NO: 1998-077674

DERWENT-WEEK: 199808

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Aeration of polluted earth for biological purification - using cutting and lifting rotors with efficient displacement for good aeration and subsequent purification

INVENTOR: FRANCO, E; FRANCO, W

PRIORITY-DATA: 1996BE-0000265 (March 25, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>BE 1010130 A4</u>	January 6, 1998	F	012	B09C000/00

INT-CL (IPC): B09 C 0/00; C05 F 0/00

ABSTRACTED-PUB-NO: BE 1010130A

BASIC-ABSTRACT:

A machine for aerating earth consists of a hollow structure, mounted on wheels, supporting adjacent and non-vertically mounted rotors. Also claimed is a method of treating earth using the machine described above, in particular to aerate for biological purification purposes, where the earth is treated in a long heap and redeposited behind the machine.

ADVANTAGE - The earth is displaced efficiently for good aeration and subsequent purification.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Des
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☐ 4. Document ID: WO 9211439 A1, AU 9190804 A, BE 1004106 A3, EP 561936 A1

L4: Entry 4 of 4

File: DWPI

Jul 9, 1992

DERWENT-ACC-NO: 1992-250145

DERWENT-WEEK: 199230

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Handling long elements such as pipes - involves upper frame carried by machine and connected to power take-off and intermediate frame which can be inclined to upper frame

INVENTOR: FRANCO, E; FRANCO, W

PRIORITY-DATA: 1990BE-0001238 (December 20, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9211439 A1</u>	July 9, 1992	E	022	E21B019/14
<u>AU 9190804 A</u>	July 22, 1992		000	E21B019/14

BE 1004106 A3	September 22, 1992	F	016	E21B000/00
EP 561936 A1	September 29, 1993	E	022	E21B019/14

INT-CL (IPC): E02F 3/96; E21B 19/14; E21B 19/15

ABSTRACTED-PUB-NO: WO 9211439A

BASIC-ABSTRACT:

The device for handling long elements has an upper frame (10) carried by a mobile machine (1) and an intermediate frame (20) is mounted on the upper frame. This intermediate frame can perform a movement of inclination with respect to the upper frame. In its turn the intermediate frame supports a lower frame (30) which can move in a longitudinal direction.

On the lower frame is a grip (40) capable of lifting the long elements and holding them. The power take off is a hydraulic power take-off.

USE/ADVANTAGE - Gives independent control to grip and hold long elements such as pipes.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KOMC	Draw. Des.
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Terms	Documents
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20020058612 A1

Using default format because multiple data bases are involved.

L15: Entry 1 of 2

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058612 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/2; 424/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 2. Document ID: US 6759386 B2

L15: Entry 2 of 2

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco, Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbk1.16&ref=15&dbname=PGPB,USPT,U...> 10/14/04

disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. Des.
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Terms	Documents
L14 AND CPK-MB	2

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6759386 B2

Using default format because multiple data bases are involved.

L20: Entry 1 of 1

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco; Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: [514/2](#); [514/12](#), [514/14](#), [514/8](#), [530/300](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw Des
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Terms	Documents
L19 AND CPK-MB	1

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Search Results - Record(s) 1 through 46 of 46 returned.

☐ 1. Document ID: US 20040143103 A1

Using default format because multiple data bases are involved.

L22: Entry 1 of 46

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040143103

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040143103 A1

TITLE: Vascular endothelial growth factor 2

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hu, Jing-Shan	Mountain View	CA	US	
Cao, Liang	Bethesda	MD	US	
Rosen, Craig A.	Laytonsville	MD	US	

US-CL-CURRENT: 530/399

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 2. Document ID: US 20030215921 A1

L22: Entry 2 of 46

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030215921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030215921 A1

TITLE: Vascular endothelial growth factor-2

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Coleman, Timothy	Gaithersburg	MD	US	

US-CL-CURRENT: 435/69.4; 435/320.1, 435/325, 514/12, 514/44, 530/399, 536/23.5

ABSTRACT:

Disclosed are human VEGF-2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA(RNA) encoding such VEGF-2 polypeptides. Also provided are procedures for producing such

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides and polynucleotides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 3. Document ID: US 20030211101 A1

L22: Entry 3 of 46

File: PGPB

Nov 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030211101

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030211101 A1

TITLE: Vascular endothelial growth factor-like protein from ORF viruses binds and activates mammalian VEGF receptor-2, and uses thereof

PUBLICATION-DATE: November 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Wise, Lyn M.	Dunedin		NZ	
Mercer, Andrew A.	Dunedin		NZ	
Savory, Loreen J.	Dunedin		NZ	
Fleming, Stephen B.	Dunedin		NZ	
Stacker, Steven A.	Parkville		AU	

US-CL-CURRENT: 424/145.1; 435/5, 514/12, 514/56, 530/388.25, 530/399

ABSTRACT:

The invention is based on the discovery that a viral VEGF-like protein from the orf virus strain NZ2 and from the orf virus strain NZ10 is capable of binding to the extracellular domain of the VEGF receptor-2 to form bioactive complexes which mediate useful cellular responses and/or antagonize undesired biological activities. Disclosed are methods which stimulate or inhibit these biological activities, methods for therapeutic applications and antagonists of ORFV2-VEGF and/or NZ10.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Des.
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☐ 4. Document ID: US 20030181379 A1

L22: Entry 4 of 46

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030181379

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030181379 A1

TITLE: Novel fibroblast growth factor (FGF23) and methods for use

PUBLICATION-DATE: September 25, 2003

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Econs, Michael	Indianapolis	IN	US	
White, Ken	Carmel	IN	US	
Strom, Tim Matthias	Munchen		DE	
Meitinger, Thomas	Munchen		DE	

US-CL-CURRENT: 514/12; 435/320.1, 435/325, 435/69.4, 530/399, 536/23.5

ABSTRACT:

The invention relates to novel nucleic acids encoding a fibroblast growth factor-23 (FGF23) and proteins encoded thereby, mutations in which are associated with autosomal dominant rickets (ADHR). The invention further relates to methods of diagnosing and treating hypophosphatemic and hyperphosphatemic disorders comprising inhibiting or stimulating, respectively, the biological activity of FGF23 in a patient. The invention also relates to methods of treating osteoporosis, dermatomyositis, and coronary artery disease comprising stimulating the biological activity of FGF23 in a patient.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 5. Document ID: US 20030162702 A1

L22: Entry 5 of 46

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162702

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162702 A1

TITLE: Compositions and methods for altering cell migration

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Millis, Albert J.T.	Schenectady	NY	US	

US-CL-CURRENT: 514/12; 514/44, 530/324, 536/23.1

ABSTRACT:

The invention relates generally to compositions useful in altering the migration and/or proliferative activity of cells and to methods of using them. Reagents that can regulate cell migration and reorganization are useful in managing diseases in which cell migration and tissue remodeling play a role, including inhibiting vascular stenosis and restenosis that can result from endothelial injury. Migration-altering compositions include the proteins clusterin and gp38k and fragments thereof which retain the migration-altering activity, peptides derived from the proteins which possess the migration-altering activity, polyclonal, monoclonal and recombinant humanized antibodies directed against the proteins and fragments thereof and anti-sense oligonucleotides capable of binding clusterin and gp38k mRNAs.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 6. Document ID: US 20030144200 A1

L22: Entry 6 of 46

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030144200

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030144200 A1

TITLE: Novel forms of the angiogenic factor vascular endothelial cell growth factor:
VEGF

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Baird, Andrew	San Diego	CA	US	
Andreason, Grai	La Jolla	CA	US	

US-CL-CURRENT: 514/12; 435/320.1, 435/325, 435/69.4, 514/44, 530/399, 536/23.5,
604/500

ABSTRACT:

Novel forms of vascular endothelial growth factor genes and the novel proteins encoded by these genes are disclosed. More particularly, novel forms of human VEGF-A which contain exon 6b and do not contain exon 6a are disclosed. Other novel forms of human VEGF-A contain exon 6b in addition to exon 6a. These novel forms of VEGF-A include VEGF-A.sub.138, VEGF-A.sub.162, and VEGF-A.sub.182. Such novel VEGF proteins may be used in treatment of the cardiovascular system and its diseases through effects on anatomy, conduit function, and permeability, and more particularly in the treatment of cardiovascular disease by stimulating vascular cell proliferation using a growth factor, thereby stimulating endothelial cell growth and vascular permeability.

The invention also relates to nucleic acids encoding such novel VEGF proteins, cells, tissues and animals containing such nucleic acids; methods of treatment using such nucleic acids; and methods relating to all of the foregoing.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 7. Document ID: US 20030077808 A1

L22: Entry 7 of 46

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077808

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077808 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Rosen, Craig A.	Laytonsville	MD	US
Ruben, Steven M.	Olney	MD	US
Barash, Steven C.	Rockville	MD	US

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 435/69.4, 530/399, 536/23.1

ABSTRACT:

The present invention relates to novel reproductive system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "reproductive system related antigens," and the use of such reproductive system related antigens for detecting disorders of the reproductive system, particularly the presence of cancers and cancer metastases. More specifically, isolated reproductive system associated nucleic acid molecules are provided encoding novel reproductive system associated polypeptides. Novel reproductive system related polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human reproductive system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the reproductive system, including reproductive system cancers, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Desc
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☐ 8. Document ID: US 20030065139 A1

L22: Entry 8 of 46

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030065139

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030065139 A1

TITLE: SECRETED PROTEIN HMMD35

PUBLICATION-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
ROSEN, CRAIG A.	LAYTONSVILLE	MD	US	
WEI, YING-FEI	BERKELEY	CA	US	

US-CL-CURRENT: 530/350; 435/69.1, 530/300

ABSTRACT:

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

☐ 9. Document ID: US 20030059937 A1

L22: Entry 9 of 46

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030059937

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030059937 A1

TITLE: Antibodies that immunospecifically bind BlyS

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ruben, Steven M.	Olney	MD	US	
Barash, Steven C.	Rockville	MD	US	
Choi, Gil H.	Rockville	MD	US	
Vaughan, Tristan	Great Shelford	MD	GB	
Hilbert, David	Bethesda		US	

US-CL-CURRENT: 435/345; 435/69.1, 530/300, 530/350

ABSTRACT:

The present invention relates to antibodies and related molecules that immunospecifically bind to BlyS. The present invention also relates to methods and compositions for detecting or diagnosing a disease or disorder associated with aberrant BlyS expression or inappropriate function of BlyS comprising antibodies or fragments or variants thereof or related molecules that immunospecifically bind to BlyS. The present invention further relates to methods and compositions for preventing, treating or ameliorating a disease or disorder associated with aberrant BlyS expression or inappropriate BlyS function comprising administering to an animal an effective amount of one or more antibodies or fragments or variants thereof or related molecules that immunospecifically bind to BlyS.

☐ 10. Document ID: US 20030049784 A1

L22: Entry 10 of 46

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049784

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049784 A1

TITLE: Alternatively spliced circulating tissue factor

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

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NAME	CITY	STATE	COUNTRY	RULE-47
Nemerson, Yale	New York	NY	US	
Bogdanov, Vladimir	New York	NY	US	

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 435/6, 435/7.1, 530/399, 536/23.5

ABSTRACT:

A new circulating form of soluble human tissue factor was identified. This new form of human tissue factor appears to be the result of alternative splicing and is therefore referred to as "alt-hTF." Alt-hTF mRNA was detected in a cell line, HL-60. The cDNA region encoding the entire open reading frame of alt-hTF was cloned. The sequence encoding the alt-hTF mature peptide was expressed in bacteria. alt-hTF consists of the first 166 amino acids of membrane bound TF, and a 40 amino acid C-terminal region unique to alt-hTF. Alt-hTF is likely to be a useful target for compounds to inhibit clotting and to treat disorders associated with elevated TF. It may also be useful as a target for antibodies selectively reactive with alt-hTF, to remove it from the circulation for treatment of clotting or other disorders associated with elevated or abnormal levels of TF, including thrombotic conditions, cardiovascular disorders, DVT, DIC, and possibly metastatic cancers.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMO	Draw Desc
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☐ 11. Document ID: US 20030028007 A1

L22: Entry 11 of 46

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028007

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030028007 A1

TITLE: Vascular endothelial growth factor 2

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hu, Jing-Shan	Mountain View	CA	US	
Cao, Liang	Bethesda	MD	US	
Rosen, Craig A.	Laytonsville	MD	US	

US-CL-CURRENT: 536/23.5; 435/320.1, 435/325, 435/69.1, 530/399

ABSTRACT:

Disclosed are human VEGF-2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA(RNA) encoding such VEGF-2 polypeptides. Also provided are procedures for producing such polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides and polynucleotides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

☐ 12. Document ID: US 20030008357 A1

L22: Entry 12 of 46

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030008357

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030008357 A1

TITLE: Vascular endothelial growth factor 2

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hu, Jing-Shan	Sunnyvale	CA	US	
Rosen, Craig A.	Laytonsville	MD	US	
Cao, Liang	South Horizons		HK	

US-CL-CURRENT: 435/69.4; 435/320.1, 435/325, 514/12, 530/399, 536/23.2

ABSTRACT:

Disclosed are human VEGF2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA (RNA) encoding such VEGF2 polypeptides. Also provided are procedures for producing such polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

☐ 13. Document ID: US 20020164710 A1

L22: Entry 13 of 46

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020164710

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020164710 A1

TITLE: Platelet-derived growth factor D, DNA coding therefor, and uses thereof

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eriksson, Ulf	Stockholm		SE	
Aase, Karin	Stockholm		SE	
Li, Xuri	Stockholm		SE	
Ponten, Annica	Stockholm		SE	

Uutela, Marko	Helsinki	FI
Alitalo, Kari	Helsinki	FI
Oestman, Arne	Uppsala	SE
Heldin, Carl-Henrik	Uppsala	SE

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 530/399, 536/23.5

ABSTRACT:

PDGF-D, a new member of the PDGF/VEGF family of polypeptide growth factors, is described, as well as nucleotide sequences encoding, methods for producing, pharmaceutical compositions containing this new growth factor, and its antibodies and other antagonists. Also disclosed are transfected and transformed host cells expressing PDGF-D, and uses thereof in medical and diagnostic applications.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 14. Document ID: US 20020156001 A1

L22: Entry 14 of 46

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156001

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020156001 A1

TITLE: Novel fibroblast growth factor (FGF23) and methods for use

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Econs, Michael	Indianapolis	IN	US	
White, Ken	Carmel	IN	US	
Strom, Tim Matthias	Munchen		DE	
Meitinger, Thomas	Munchen		DE	

US-CL-CURRENT: 514/12; 435/320.1, 435/325, 435/6, 435/69.1, 530/399, 536/23.5

ABSTRACT:

The invention relates to novel nucleic acids encoding a fibroblast growth factor-23 (FGF23) and proteins encoded thereby, mutations in which are associated with autosomal dominant rickets (ADHR). The invention further relates to methods of diagnosing and treating hypophosphatemic and hyperphosphatemic disorders comprising inhibiting or stimulating, respectively, the biological activity of FGF23 in a patient. The invention also relates to methods of treating osteoporosis, dermatomyositis, and coronary artery disease comprising stimulating the biological activity of FGF23 in a patient.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 15. Document ID: US 20020077458 A1

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

PGPUB-DOCUMENT-NUMBER: 20020077458
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020077458 A1

TITLE: Death domain-containing receptor polynucleotides, polypeptides, and antibodies

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ni, Jian	Germantown	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/6, 435/69.1, 435/7.1, 530/324,
530/387.9, 536/23.5

ABSTRACT:

The present invention relates to novel human DDCR polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human DDCR polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human DDCR polypeptides.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	HTML	Draw Data
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☐ 16. Document ID: US 20020061521 A1

L22: Entry 16 of 46

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061521
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020061521 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Ruben, Steven M.	Olney	MD	US	
Barash, Steven C.	Rockville	MD	US	

US-CL-CURRENT: 435/6; 435/69.1, 514/2, 530/300, 536/23.1

ABSTRACT:

The present invention relates to novel cardiovascular system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cardiovascular system antigens," and the use of such cardiovascular system antigens

for detecting disorders of the cardiovascular system, particularly the presence of cancer of cardiovascular system tissues and cancer metastases. More specifically, isolated cardiovascular system associated nucleic acid molecules are provided encoding novel cardiovascular system associated polypeptides. Novel cardiovascular system polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human cardiovascular system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the cardiovascular system, including cancer of cardiovascular system tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 17. Document ID: US 20020040004 A1

L22: Entry 17 of 46

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040004

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040004 A1

TITLE: Method of promoting natural bypass

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Benedict, James J.	Arvada	CO	US	
Raniere, John P.	Austin	TX	US	
Whitney, Marsha L.	Austin	TX	US	
Akella, Rama	Austin	TX	US	

US-CL-CURRENT: 514/21; 530/350, 530/399

ABSTRACT:

An angiogenic factor comprising a mixture of proteins derived from bone. The angiogenic protein mixture is produced by a series of steps that allow the proteins to be kept in solution. The angiogenic mixture of bone proteins is produced by a multi-step process that includes at least one ultrafiltration step, an anion exchange chromatography step, a cation exchange chromatography step and a high performance liquid chromatography (HPLC) purification step.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 18. Document ID: US 20020019350 A1

L22: Entry 18 of 46

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019350
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020019350 A1

TITLE: Targeted angiogenesis

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Levine, Arnold J.	New York	NY	US	
Mitterer, Artur	Orth, Donau		AT	
Falkner, Falko-Guenter	Orth, Donau		AT	
Scheifflinger, Friedrich	Vienna		AT	
Dorner, Friedrich	Vienna		AT	

US-CL-CURRENT: 514/12; 530/399

ABSTRACT:

The invention relates to compositions, methods, and gene therapy reagents to promote or to inhibit angiogenesis in the treatment of peripheral vascular or cardiovascular diseases, utilizing a chimeric molecule comprising an angiogenic factor linked to a targeting molecule that specifically binds to a vascular endothelium.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 19. Document ID: US 20010020004 A1

L22: Entry 19 of 46

File: PGPB

Sep 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010020004
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010020004 A1

TITLE: Analogs of human basic fibroblast growth factor

PUBLICATION-DATE: September 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Springer, Barry A.	Wilmington	DE	US	
Pantoliano, Michael W.	Boxford	MA	US	
Sharp, Celia M.	Doylestown	PA	US	

US-CL-CURRENT: 514/12; 435/325, 435/69.4, 530/399, 536/23.5

ABSTRACT:

The present invention relates to novel muteins of human basic fibroblast growth factor with superagonist properties. Both protein and the respective encoding nucleic acid species are disclosed. The invention also embodies vectors and host cells for the propagation of said nucleic acid sequences and the production of said muteins. Also disclosed are methods for stimulating cell division, treating a wound, treating

ischemia, treating heart disease, treating neural injury, treating peripheral vascular disease, treating a gastric ulcer and treating a duodenal ulcer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. Des.
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☐ 20. Document ID: US 6794146 B2

L22: Entry 20 of 46

File: USPT

Sep 21, 2004

US-PAT-NO: 6794146

DOCUMENT-IDENTIFIER: US 6794146 B2

TITLE: Modifications of the VEGF receptor-2 protein and methods of use

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McTigue; Michele A.	Encinitas	CA		
Pinko; Chris	San Diego	CA		
Parast; Camran V.	San Diego	CA		
Gehring; Michael R.	Ramona	CA		
Kan; Chen-Chen	Del Mare	CA		
Appelt; Krzysztof	Poway	CA		
Wickersham; John A.	Escondido	CA		
Showalter; Richard E.	Lakeside	CA		
Tempczyk-Russell; Anna M.	San Diego	CA		
Mroczkowski; Barbara	Encinitas	CA		
Villafranca; Jesus E.	San Diego	CA		

US-CL-CURRENT: 435/7.1; 530/300, 530/350, 530/402, 536/23.1

ABSTRACT:

A 2.4 .ANG. crystal structure of a protein construct containing the catalytic kinase domain of vascular endothelial growth factor receptor 2 (VEGFR2/KDR), a key enzyme in angiogenesis, has been determined in an unliganded, phosphorylated state. This protein construct, contains a modified catalytic linker and has comparable in vitro kinase activity to constructs containing the entire KID. The resulting construct retains comparable in vitro kinase activity to that of the wild-type KID, and more importantly, allows complete crystallization of the protein such that it may be characterized by X-ray crystallography. The present invention further discloses the use of ray crystallographic data for identification and construction of possible therapeutic compounds in the treatment of various disease conditions.

2 Claims, 67 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 67

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw. Des.
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☐ 21. Document ID: US 6767722 B1

US-PAT-NO: 6767722

DOCUMENT-IDENTIFIER: US 6767722 B1

TITLE: Analogs of human basic fibroblast growth factor mutated at one or more of the positions glutamate 89, Aspartate 101 or Leucine 137

DATE-ISSUED: July 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Springer; Barry A.	Wilmington	DE		
Pantoliano; Michael W.	Avondale	PA		
Sharp; Celia M.	Doylestown	PA		

US-CL-CURRENT: 435/69.4; 435/243, 435/320.1, 435/325, 514/12, 530/399, 536/23.5, 930/10

ABSTRACT:

The present invention relates to muteins of human basic fibroblast growth factor with superagonist properties. Both protein and the respective encoding nucleic acid species are disclosed. The invention also embodies vectors and host cells for the propagation of said nucleic acid sequences and the production of said muteins. Also disclosed is a method for stimulating cell division.

29 Claims, 2 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Form	Draw. Des.
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☐ 22. Document ID: US 6759386 B2

L22: Entry 22 of 46

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco; Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. Des.
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☐ 23. Document ID: US 6753416 B2

L22: Entry 23 of 46

File: USPT

Jun 22, 2004

US-PAT-NO: 6753416
DOCUMENT-IDENTIFIER: US 6753416 B2

TITLE: Modifications of the VEGF receptor-2 protein and methods of use

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McTigue; Michele A.	Encinitas	CA		
Pinko; Chris	San Diego	CA		
Parast; Camran V.	San Diego	CA		
Gehring; Michael R.	Ramona	CA		
Kan; Chen-Chen	Del Mare	CA		
Appelt; Krzysztof	Poway	CA		
Wickersham; John A.	Escondido	CA		
Showalter; Richard E.	Lakeside	CA		
Tempczyk-Russell; Anna M.	San Diego	CA		
Mroczkowski; Barbara	Encinitas	CA		
Villafranca; Jesus E.	San Diego	CA		

US-CL-CURRENT: 536/23.1; 435/183, 530/300, 530/350

ABSTRACT:

A 2.4 .ANG. crystal structure of a protein construct containing the catalytic kinase domain of vascular endothelial growth factor receptor 2 (VEGFR2/KDR), a key enzyme in angiogenesis, has been determined in an unliganded, phosphorylated state. This protein construct, contains a modified catalytic linker and has comparable in vitro kinase activity to constructs containing the entire KID. The resulting construct retains comparable in vitro kinase activity to that of the wild-type KID, and more importantly, allows complete crystallization of the protein such that it may be characterized by X-ray crystallography. The present invention further discloses the use of x-ray crystallographic data for identification and construction of possible therapeutic compounds in the treatment of various disease conditions.

2 Claims, 67 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 67

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	MMIC	Draw Des
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☐ 24. Document ID: US 6737404 B2

L22: Entry 24 of 46

File: USPT

May 18, 2004

US-PAT-NO: 6737404

DOCUMENT-IDENTIFIER: US 6737404 B2

TITLE: Methods of using analogs of human basic fibroblast growth factor mutated at one or more of the positions glutamate 89, aspartate 101 or leucine 137

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Springer; Barry A.	Wilmington	DE		
Pantoliano; Michael W.	Boxford	PA		
Sharp; Celia M.	Doylestown	PA		

US-CL-CURRENT: 514/12; 514/2, 530/399

ABSTRACT:

The present invention relates to novel muteins of human basic fibroblast growth factor with superagonist properties. Both protein and the respective encoding nucleic acid species are disclosed. The invention also embodies vectors and host cells for the propagation of said nucleic acid sequences and the production of said muteins. Also disclosed are methods for stimulating cell division, treating a wound, treating ischemia, treating heart disease, treating neural injury, treating peripheral vascular disease, treating a gastric ulcer and treating a duodenal ulcer.

30 Claims, 2 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	MMIC	Draw Des
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☐ 25. Document ID: US 6734285 B2

L22: Entry 25 of 46

File: USPT

May 11, 2004

US-PAT-NO: 6734285

DOCUMENT-IDENTIFIER: US 6734285 B2

TITLE: Vascular endothelial growth factor 2 proteins and compositions

DATE-ISSUED: May 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hu; Jing-Shan	Mountain View	CA		

Cao; Liang Bethesda MD
Rosen; Craig A. Laytonsville MD

US-CL-CURRENT: 530/350; 435/252.3, 435/320.1, 435/471, 435/69.4, 530/399

ABSTRACT:

Disclosed are human VEGF-2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA(RNA) encoding such VEGF-2 polypeptides. Also provided are procedures for producing such polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides and polynucleotides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

42 Claims, 62 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 47

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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☐ 26. Document ID: US 6706687 B1

L22: Entry 26 of 46

File: USPT

Mar 16, 2004

US-PAT-NO: 6706687

DOCUMENT-IDENTIFIER: US 6706687 B1

TITLE: Platelet-derived growth factor D

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eriksson; Ulf	Stockholm			SE
Aase; Karin	Stockholm			SE
Lee; Xuri	Stockholm			SE
Ponten; Annica	Stockholm			SE
Uutela; Marko	Helsinki			FI
Alitalo; Kari	Helsinki			FI
Oestman; Arne	Uppsala			SE
Heldin; Carl-Henrik	Uppsala			SE

US-CL-CURRENT: 514/12; 530/350, 530/399, 536/23.5, 536/23.51

ABSTRACT:

PDGF-D, a new member of the PDGF/VEGF family of growth factors, is described, as well as the nucleotide sequence encoding it, methods for producing it, antibodies and other antagonists to it, transfected and transformed host cells expressing it, pharmaceutical compositions containing it, and uses thereof in medical and diagnostic applications.

22 Claims, 18 Drawing figures

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

Exemplary Claim Number: 1
Number of Drawing Sheets: 21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Des
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☐ 27. Document ID: US 6632920 B1

L22: Entry 27 of 46

File: USPT

Oct 14, 2003

US-PAT-NO: 6632920

DOCUMENT-IDENTIFIER: US 6632920 B1

**** See image for Certificate of Correction ****

TITLE: 36 human secreted proteins

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olsen; Henrik S.	Gaithersburg	MD		
Ruben; Steven M.	Olney	MD		
Rosen; Craig A.	Laytonsville	MD		
Brewer; Laurie A.	St. Paul	MN		
Ebner; Reinhard	Gaithersburg	MD		
Duan; Roxanne	Bethesda	MD		
Florence; Kimberly	Rockville	MD		

US-CL-CURRENT: 530/300; 435/69.1, 530/324

ABSTRACT:

The present invention relates to 36 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

42 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw Des
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☐ 28. Document ID: US 6608182 B1

L22: Entry 28 of 46

File: USPT

Aug 19, 2003

US-PAT-NO: 6608182

DOCUMENT-IDENTIFIER: US 6608182 B1

TITLE: Human vascular endothelial growth factor 2

DATE-ISSUED: August 19, 2003

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbk1.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosen; Craig	Laytonsville	MD		
Hu; Jing-Shan	Gaithersburg	MD		
Cao; Liang	Monmouth Terrace			HK

US-CL-CURRENT: 530/399; 435/243, 435/320.1, 435/325, 435/69.1, 435/69.4, 530/300,
530/350, 530/402

ABSTRACT:

The present invention relates to polypeptides comprising amino acids 85 to 165 of SEQ ID NO:2, as well as polynucleotides which encode these polypeptides. Also provided are methods of treatment using these polypeptides.

21 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 15

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Form	Draw. Des.
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☐ 29. Document ID: US 6534631 B1

L22: Entry 29 of 46

File: USPT

Mar 18, 2003

US-PAT-NO: 6534631

DOCUMENT-IDENTIFIER: US 6534631 B1

TITLE: Secreted protein HT5GJ57

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruben; Steven M.	Olney	MD		
Komatsoulis; George	Silver Spring	MD		
Duan; Roxanne D.	Bethesda	MD		
Rosen; Craig A.	Laytonsville	MD		
Moore; Paul A.	Germantown	MD		
Shi; Yanggu	Gaithersburg	MD		
LaFleur; David W.	Washington	DC		
Ebner; Reinhard	Gaithersburg	MD		
Olsen; Henrik	Gaithersburg	MD		
Brewer; Laurie A.	St. Paul	MN		
Florence; Kimberly A.	Rockville	MD		
Young; Paul	Gaithersburg	MD		
Mucenski; Michael	Cincinnati	OH		
Endress; Gregory A.	Potomac	MD		
Soppet; Daniel R.	Centreville	VA		

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 530/300, 536/23.1, 536/24.1

ABSTRACT:

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

12 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 30. Document ID: US 6521420 B1

L22: Entry 30 of 46

File: USPT

Feb 18, 2003

US-PAT-NO: 6521420

DOCUMENT-IDENTIFIER: US 6521420 B1

**** See image for Certificate of Correction ****

TITLE: Hypertension associated transcription factors and uses therefor

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Herman; Ira M.	Newton	MA		
Sieczkiewicz; Greg J.	Conventry	RI		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 530/300, 530/350, 536/23.1

ABSTRACT:

The invention provides isolated nucleic acids molecules, designated HATF-1 and HRP-1 nucleic acid molecules, which are differentially expressed in hypertensive humans, rats, and mice. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing HATF-1 or HRP-1 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which an HATF-1 or HRP-1 gene has been introduced or disrupted. The invention still further provides isolated HATF-1 and HRP-1 proteins, fusion proteins, antigenic peptides and anti-HATF-1 and anti-HRP-1 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.

14 Claims, 19 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 31. Document ID: US 6518236 B1

US-PAT-NO: 6518236

DOCUMENT-IDENTIFIER: US 6518236 B1

TITLE: FGF homologs

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Deisher; Theresa A.	Seattle	WA		
Conklin; Darrell C.	Seattle	WA		
Raymond; Fenella	Seattle	WA		
Bukowski; Thomas R.	Seattle	WA		
Holderman; Susan D.	Seattle	WA		
Hansen; Birgit	Seattle	WA		
Sheppard; Paul O.	Redmond	WA		

US-CL-CURRENT: 514/2; 435/69.7, 514/12, 530/350, 530/399

ABSTRACT:

The present invention relates to polynucleotide and polypeptide molecules for zFGF5 a novel member of the FGF family. The polypeptides, and polynucleotides encoding them, are proliferative for muscle cells, in particular cardiac cells and may be used for remodeling cardiac tissue and improving cardiac function. The present invention also includes antibodies to the zFGF5 polypeptides.

5 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMO	Draw. Des.
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☐ 32. Document ID: US 6498144 B1

L22: Entry 32 of 46

File: USPT

Dec 24, 2002

US-PAT-NO: 6498144

DOCUMENT-IDENTIFIER: US 6498144 B1

TITLE: Use of scatter factor to enhance angiogenesis

DATE-ISSUED: December 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldberg; Itzhak D.	Englewood	NJ		
Rosen; Eliot M.	Port Washington	NY		

US-CL-CURRENT: 514/12; 514/2, 530/324, 530/350, 530/399

ABSTRACT:

This invention relates to a method of enhancing wound healing and to a method of enhancing organ transplantation utilizing scatter factor, either alone or in combination with a growth factor.

5 Claims, 39 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw. Des.
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☐ 33. Document ID: US 6440934 B1

L22: Entry 33 of 46

File: USPT

Aug 27, 2002

US-PAT-NO: 6440934

DOCUMENT-IDENTIFIER: US 6440934 B1

TITLE: Angiogenically effective unit dose of FGF-2 and method of use

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whitehouse; Martha Jo	San Francisco	CA		

US-CL-CURRENT: 514/12; 424/423, 424/85.2, 424/94.4, 435/69.4, 514/2, 514/358,
514/410, 514/411, 514/54, 514/56, 530/350 , 530/380, 530/381, 530/383, 530/399,
536/17.2, 536/21, 604/101.03

ABSTRACT:

The present invention has multiple aspects. In particular, in one aspect, the present invention is directed to a unit dose composition comprising 0.2 .mu.g/kg to 48 .mu.g/kg of an FGF-2 of SEQ ID NO: 2, or an angiogenically active fragment or mutein thereof in a pharmaceutically acceptable carrier. In another aspect, the present invention is directed to a method for treating a human patient for coronary artery disease, comprising administering into one or more coronary vessels or a peripheral vein of a human patient in need of treatment for coronary artery disease a safe and angiogenically effective dose of a recombinant FGF-2, or an angiogenically active fragment or mutein thereof. The single unit dose composition of the present invention provides an angiogenic effect in a human CAD patient that lasts six months before re-treatment is required. In another aspect, the present invention is directed to a method of administration which optimizes patient's safety. In this embodiment, fluids, heparin and/or rate of infusion all play a role. In another aspect, the present invention is directed to a pharmaceutical composition comprising a therapeutically effective amount of FGF-2, alone or in combination with heparin, in a therapeutically effective carrier. The magnitude and duration of benefit were unexpected; in addition benefit with the IV route was unexpected.

58 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw. Des.
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☐ 34. Document ID: US 6432406 B1

L22: Entry 34 of 46

File: USPT

Aug 13, 2002

US-PAT-NO: 6432406

DOCUMENT-IDENTIFIER: US 6432406 B1

TITLE: Method for reducing angiogenesis by administration of a scatter factor inhibitor

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldberg; Itzhak D.	Englewood	NJ		
Rosen; Eliot M.	Port Washington	NY		

US-CL-CURRENT: 424/158.1; 424/130.1, 512/2, 512/8, 530/300, 530/350, 530/387.1, 530/399

ABSTRACT:

This invention relates to a method of enhancing wound healing and to a method of enhancing organ transplantation utilizing scatter factor, either alone or in combination with a growth factor.

1 Claims, 39 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	FIGS	Draw Des
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☐ 35. Document ID: US 6274712 B1

L22: Entry 35 of 46

File: USPT

Aug 14, 2001

US-PAT-NO: 6274712

DOCUMENT-IDENTIFIER: US 6274712 B1

**** See image for Certificate of Correction ****

TITLE: Analogs of human basic fibroblast growth factor mutated at one or more of the positions glutamate 89, aspartate 101 or leucine 137

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Springer; Barry A.	Wilmington	DE		
Pantoliano; Michael W.	Avondale	PA		
Sharp; Celia M.	Doylestown	PA		

US-CL-CURRENT: 530/399; 435/69.4, 930/10

ABSTRACT:

The present invention relates to muteins of human basic fibroblast growth factor with superagonist properties. Both protein and the respective encoding nucleic acid species are disclosed. The invention also embodies vectors and host cells for the propagation of the nucleic acid sequences and the production of the muteins.

9 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 36. Document ID: US 6235713 B1

L22: Entry 36 of 46

File: USPT

May 22, 2001

US-PAT-NO: 6235713
DOCUMENT-IDENTIFIER: US 6235713 B1

TITLE: Vascular endothelial growth factor-D (VEGF-D) polypeptides

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Achen; Marc G.	Fitzroy			AU
Wilks; Andrew F.	South Yarra			AU
Stacker; Steven A.	North Fitzroy			AU
Alitalo; Kari	Espoo			FI

US-CL-CURRENT: 514/12; 514/2, 530/399, 530/412, 530/413

ABSTRACT:

VEGF-D, a new member of the PDGF family of growth factors, which among other things stimulates endothelial cell proliferation and angiogenesis and increases vascular permeability, as well as nucleotide sequences encoding it, methods for producing it, antibodies and other antagonists to it, transfected or transformed host cells for expressing it, pharmaceutical compositions containing it, and uses thereof in medical and diagnostic applications.

16 Claims, 22 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 37. Document ID: US 6211157 B1

L22: Entry 37 of 46

File: USPT

Apr 3, 2001

US-PAT-NO: 6211157
DOCUMENT-IDENTIFIER: US 6211157 B1

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

TITLE: Protein mixtures to induce therapeutic angiogenesis

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Benedict; James J.	Arvada	CO		
Ranieri; John P.	Austin	TX		
Whitney; Marsha L.	Austin	TX		

US-CL-CURRENT: 514/21; 530/399

ABSTRACT:

An angiogenic factor comprising a mixture of proteins derived from bone. The angiogenic protein mixture is produced by a series of steps that allow the proteins to be kept in solution. The angiogenic mixture of bone proteins is produced by a multi-step process that includes at least one ultrafiltration step, an anion exchange chromatography step, a cation exchange chromatography step and a high performance liquid chromatography (HPLC) purification step.

22 Claims, 4 Drawing figures

Exemplary Claim Number: 5

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 38. Document ID: US 6191111 B1

L22: Entry 38 of 46

File: USPT

Feb 20, 2001

US-PAT-NO: 6191111

DOCUMENT-IDENTIFIER: US 6191111 B1

TITLE: Method and device for enhancing of biobypass by increasing the coronary blood flow

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leschinsky; Boris	Waldwick	NJ		

US-CL-CURRENT: 514/12; 530/399, 600/18, 601/152, 606/194

ABSTRACT:

A method for enhancing such biobypass techniques as angiogenesis, trans-myocardial revascularization, percutaneous myocardial revascularization, and myocardial cell proliferation by using the means for increasing of coronary blood flow to both instantly relieve the ischemic symptoms and stimulate the growth of new blood vessels. Intra-aortic balloon pumping and other counterpulsation means are identified as preferred means for increasing of coronary blood flow.

11 Claims, 0 Drawing figures

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw. Des.
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☐ 39. Document ID: US 6124433 A

L22: Entry 39 of 46

File: USPT

Sep 26, 2000

US-PAT-NO: 6124433

DOCUMENT-IDENTIFIER: US 6124433 A

TITLE: Compositions and methods for treatment and diagnosis of cardiovascular disease

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Falb; Dean A.	Wellesley	MA		
Gimbrone, Jr.; Michael A.	Jamaica Plain	MA		

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.1, 530/324, 530/326, 536/23.1, 536/23.5

ABSTRACT:

The present invention relates to methods and compositions for the treatment and diagnosis of cardiovascular disease, including, but not limited to, atherosclerosis, ischemia/reperfusion, hypertension, restenosis, and arterial inflammation. Specifically, the present invention identifies and describes genes which are differentially expressed in cardiovascular disease states, relative to their expression in normal, or non-cardiovascular disease states, and/or in response to manipulations relevant to cardiovascular disease. Further, the present invention identifies and describes genes via the ability of their gene products to interact with gene products involved in cardiovascular disease. Still further, the present invention provides methods for the identification and therapeutic use of compounds as treatments of cardiovascular disease. Moreover, the present invention provides methods for the diagnostic monitoring of patients undergoing clinical evaluation for the treatment of cardiovascular disease, and for monitoring the efficacy of compounds in clinical trials. Additionally, the present invention describes methods for the diagnostic evaluation and prognosis of various cardiovascular diseases, and for the identification of subjects exhibiting a predisposition to such conditions.

5 Claims, 53 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 53

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw. Des.
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☐ 40. Document ID: US 6040157 A

L22: Entry 40 of 46

File: USPT

Mar 21, 2000

US-PAT-NO: 6040157

DOCUMENT-IDENTIFIER: US 6040157 A

**** See image for Certificate of Correction ****

TITLE: Vascular endothelial growth factor 2

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hu; Jing-Shan	Sunnyvale	CA		
Rosen; Craig A.	Laytonsville	MD		
Cao; Liang	South Horizons			HK

US-CL-CURRENT: 435/69.4; 435/243, 435/320.1, 435/325, 435/7.1, 530/399, 536/23.51

ABSTRACT:

Disclosed are human VEGF2 polypeptides, biologically active, diagnostically or therapeutically self fragments, analogs, or derivatives thereof, and DNA (RNA) encoding such VEGF2 polypeptides. Also provided are procedures for producing such polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

75 Claims, 48 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Form	Draw. Des.
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☐ 41. Document ID: US 6018025 A

L22: Entry 41 of 46

File: USPT

Jan 25, 2000

US-PAT-NO: 6018025

DOCUMENT-IDENTIFIER: US 6018025 A

**** See image for Certificate of Correction ****

TITLE: Compositions and methods for the treatment and diagnosis of cardiovascular disease using rchd528 as a target

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Falb; Dean A.	Wellesley	MA		
Gimbrone, Jr.; Michael A.	Jamaica Plain	MA		

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.1, 530/324, 530/326, 536/23.1, 536/23.5

ABSTRACT:

The present invention relates to methods and compositions for the treatment and

diagnosis of cardiovascular disease, including, but not limited to, atherosclerosis, ischemia/reperfusion, hypertension, restenosis, and arterial inflammation. Specifically, the present invention identifies and describes genes which are differentially expressed in cardiovascular disease states, relative to their expression in normal, or non-cardiovascular disease states, and/or in response to manipulations relevant to cardiovascular disease. Further, the present invention identifies and describes genes via the ability of their gene products to interact with gene products involved in cardiovascular disease. Still further, the present invention provides methods for the identification and therapeutic use of compounds as treatments of cardiovascular disease. Moreover, the present invention provides methods for the diagnostic monitoring of patients undergoing clinical evaluation for the treatment of cardiovascular disease, and for monitoring the efficacy of compounds in clinical trials. Additionally, the present invention describes methods for the diagnostic evaluation and prognosis of various cardiovascular diseases, and for the identification of subjects exhibiting a predisposition to such conditions.

5 Claims, 41 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 53

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMOC	Draw Des
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☐ 42. Document ID: US 5932540 A

L22: Entry 42 of 46

File: USPT

Aug 3, 1999

US-PAT-NO: 5932540

DOCUMENT-IDENTIFIER: US 5932540 A

**** See image for Certificate of Correction ****

TITLE: Vascular endothelial growth factor 2

DATE-ISSUED: August 3, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hu; Jing-Shan	Sunnyvale	CA		
Rosen; Craig A.	Laytonsville	MD		
Cao; Liang	Hong Kong			HK

US-CL-CURRENT: 514/2; 530/326, 530/399, 530/402

ABSTRACT:

Disclosed are human VEGF2 polypeptides, biologically active, diagnostically or therapeutically useful fragments, analogs, or derivatives thereof, and DNA(RNA) encoding such VEGF2 polypeptides. Also provided are procedures for producing such polypeptides by recombinant techniques and antibodies and antagonists against such polypeptides. Such polypeptides may be used therapeutically for stimulating wound healing and for vascular tissue repair. Also provided are methods of using the antibodies and antagonists to inhibit tumor angiogenesis and thus tumor growth, inflammation, diabetic retinopathy, rheumatoid arthritis, and psoriasis.

186 Claims, 22 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 19

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Des
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☐ 43. Document ID: US 5877281 A

L22: Entry 43 of 46

File: USPT

Mar 2, 1999

US-PAT-NO: 5877281

DOCUMENT-IDENTIFIER: US 5877281 A

TITLE: Developmentally-regulated endothelial cell locus-1

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Quertermous; Thomas	Nashville	TN		
Hogan; Brigid	Brentwood	TN		
Snodgrass; H. Ralph	Powell	OH		
Zupancic; Thomas Joel	Worthington	OH		

US-CL-CURRENT: 530/350; 435/69.7, 530/300, 530/383, 530/402, 536/23.1, 536/23.4, 536/23.5

ABSTRACT:

The present invention relates to a member of a novel gene family referred to as developmentally-regulated endothelial cell locus-1 (del-1). In particular, the invention relates to del-1 nucleotide sequences, Del-1 amino acid sequences, methods of expressing a functional gene product, and methods of using the gene and gene product.

53 Claims, 47 Drawing figures

Exemplary Claim Number: 39

Number of Drawing Sheets: 33

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Des
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☐ 44. Document ID: US 5824644 A

L22: Entry 44 of 46

File: USPT

Oct 20, 1998

US-PAT-NO: 5824644

DOCUMENT-IDENTIFIER: US 5824644 A

TITLE: Method of attenuating arterial stenosis

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Abendschein; Dana R.	St. Louis	MO		

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US-CL-CURRENT: 514/12; 424/422, 514/2, 514/21, 530/324, 530/350, 530/380

ABSTRACT:

A method is disclosed for attenuating stenosis after balloon angioplasty. The method comprises administering to a host parenterally or locally to the luminal surface of the blood vessel subjected to said balloon angioplasty an effective amount of tissue factor pathway inhibitor (TFPI) for a prolonged period of time sufficient to substantially reduce the extent of restenosis. An exemplary amount of the TFPI is from about 0.5 mg/kg to about 6 mg/kg during a prolonged administration of about twelve (12) hours to 36 hours.

14 Claims, 13 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FORM	Draw Des
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☐ 45. Document ID: US 5807556 A

L22: Entry 45 of 46

File: USPT

Sep 15, 1998

US-PAT-NO: 5807556
DOCUMENT-IDENTIFIER: US 5807556 A

TITLE: Methods of preventing degeneration of myoplasties

DATE-ISSUED: September 15, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mannion; John D.	Mt. Laurel	NJ		
Magno; Michael G.	Oxford	PA		

US-CL-CURRENT: 424/198.1; 514/56, 530/399, 536/21, 607/3, 607/50

ABSTRACT:

Methods of reducing the degeneration of a tissue resulting from mobilization with or without chronic, continuous electrical stimulation by administering basic fibroblast growth factor or heparin to the tissue are provided.

3 Claims, 0 Drawing figures
Exemplary Claim Number: 1,3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FORM	Draw Des
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☐ 46. Document ID: US 5639726 A

L22: Entry 46 of 46

File: USPT

Jun 17, 1997

US-PAT-NO: 5639726
DOCUMENT-IDENTIFIER: US 5639726 A

**** See image for Certificate of Correction ****

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.23&ref=22&dbname=PGPB,USPT,U...> 10/14/04

TITLE: Peptide mediated enhancement of thrombolysis methods and compositions

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lawrence; Daniel A.	Ann Arbor	MI		
Ginsburg; David	Ann Arbor	MI		
Shore; Joseph D.	Grosse Point Farms	MI		
Fay; William P.	Ann Arbor	MI		
Olson; Steven T.	Chicago	IL		
Francis-Chmura; Ann Marie	Warren	MI		
Eitzman; Daniel T.	Ypsilanti	MI		
Paielli; Dell	Wyandotte	MI		

US-CL-CURRENT: 514/12; 514/13, 514/14, 514/15, 514/16, 530/324, 530/325, 530/326, 530/327, 530/328

ABSTRACT:

The invention relates generally to peptides which decrease the half-life of active plasminogen activator inhibitor-1. This invention further relates to methods and compositions for using peptides which decrease the half-life of active plasminogen activator inhibitor-1. Further, the invention includes methods and compositions useful in clot lysis.

59 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FORM	Draw Desc
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Terms	Documents
L21 AND coronary artery disease	46

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Search Results - Record(s) 1 through 77 of 77 returned.

☐ 1. Document ID: US 20040176404 A1

Using default format because multiple data bases are involved.

L6: Entry 1 of 77

File: PGPB

Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040176404

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040176404 A1

TITLE: Methods and reagents for treating or preventing atherosclerosis and diseases associated therewith

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sayada, Chalom B.	Luxembourg City		LU	

US-CL-CURRENT: [514/291](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 2. Document ID: US 20040167070 A1

L6: Entry 2 of 77

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167070 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: [514/12](#)

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising

the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 3. Document ID: US 20040157840 A1

L6: Entry 3 of 77

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040157840
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040157840 A1

TITLE: Rifalazil compositions and therapeutic regimens

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cabana, Bernard E.	Montgomery Village	MD	US	
Michaelis, Arthur F.	Devon	PA	US	
Magnant, Gary P.	Topsfield	MA	US	
Sayada, Chalom B.	Luxembourg City		LU	

US-CL-CURRENT: 514/229.5

ABSTRACT:

The invention features low-dosage rifalazil compositions and therapeutic regimens which are useful for the treatment of bacterial infections.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 4. Document ID: US 20040153341 A1

L6: Entry 4 of 77

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153341
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153341 A1

TITLE: System for analyzing and processing orders related to healthcare treatment or services

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brandt, Samuel I.	Malvern	PA	US	
Scherpbier, Harm J.	Fort Washington	PA	US	

US-CL-CURRENT: 705/2

ABSTRACT:

A system analyzes data including healthcare orders initiating treatment or services used in patient healthcare. The system includes a data processor and a message processor. The data processor identifies a potential change in use of a particular treatment by examining data, representing multiple orders generated over a particular time period, used in treating multiple patients to identify a number of orders initiating application of a particular treatment to individual patients of the multiple patients to address a particular medical condition. The data processor also determines whether the number of orders exceeds a predetermined threshold and/or whether a rate of change in the number of orders relative to a previously determined number of orders is significant. The message processor initiates generation of a message to alert a message recipient of an identified potential change in use of the particular treatment.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 5. Document ID: US 20040116349 A1

L6: Entry 5 of 77

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116349 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 6. Document ID: US 20040102424 A1

PGPUB-DOCUMENT-NUMBER: 20040102424
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040102424 A1

TITLE: Methods for the treatment or prophylaxis of aldosterone-mediated pathogenic effects in a subject using an epoxy-steroidal aldosterone antagonist

PUBLICATION-DATE: May 27, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Williams, Gordon H.	Belmont	MA	US	
Funder, John W.	Victoria	IL	AU	
Garthwaite, Susan M.	Evanston	IL	US	
Roniker, Barbara	Chicago	MO	US	
Fedde, Kenton N.	Webster Groves	IL	US	
Rocha, Ricardo	Gurnee		US	

US-CL-CURRENT: 514/172

ABSTRACT:

The present invention provides methods for the treatment or prophylaxis of one or more aldosterone-mediated pathogenic effects in a subject suffering from or susceptible to the pathogenic effect or effects wherein the subject has one or more conditions selected from the group consisting of a sub-normal endogenous aldosterone level, salt sensitivity and an elevated dietary sodium intake. The methods comprise administering to the subject a therapeutically-effective amount of one or more epoxy-steroidal compounds that are aldosterone antagonists.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Des
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☐ 7. Document ID: US 20040077611 A1

L6: Entry 7 of 77

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077611
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040077611 A1

TITLE: Triple therapy of angiotensin converting enzyme inhibitor epoxy-steroidal aldosterone antagonist and diuretic or digoxin for treatment of cardiovascular disease

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Alexander, John C.	Princeton	NJ	US	
Roniker, Barbara	Chicago	IL	US	
Desai, Subhash	Wilmette	IL	US	

ABSTRACT:

Combinations of an ACE inhibitor and an epoxy-steroidal aldosterone receptor antagonist are described for use in treatment of circulatory disorders. Of particular interest are therapies using epoxy-steroidal-type aldosterone receptor antagonist compounds, such as eplerenone, in combination with an angiotensin converting enzyme inhibitor. This co-therapy would be particularly useful to treat congestive heart failure while avoiding or reducing aldosterone-antagonist-induced side effects such as hyperkalemia.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	HOME	Draw. Des.
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☐ 8. Document ID: US 20040063718 A1

L6: Entry 8 of 77

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040063718

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040063718 A1

TITLE: Targeted therapeutics and uses thereof

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	NY	LU	
Zha, Congxiang	Schenectady		US	

US-CL-CURRENT: 514/252.13; 540/457

ABSTRACT:

The invention features a method of delivering a drug to a diseased cell by linking the drug to a rifamycin derivative, compositions that include drug-rifamycin conjugates of the invention, and methods for treating disease using those compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	HOME	Draw. Des.
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☐ 9. Document ID: US 20040034021 A1

L6: Entry 9 of 77

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034021

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034021 A1

TITLE: Intravenous rifalazil formulation and methods of use thereof

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Sayada, Chalom	Luxembourg City	MD	LU	
Cabana, Bernard E.	Montgomery Village		US	

US-CL-CURRENT: 514/229.5

ABSTRACT:

The invention features intravenous dosage formulations of rifalazil and methods of treating disease by intravenous administration of rifalazil.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw. Des.
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☐ 10. Document ID: US 20040023863 A1

L6: Entry 10 of 77

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040023863

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040023863 A1

TITLE: Methods of use growth factors for treating heart disease

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw. Des.
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☐ 11. Document ID: US 20040014750 A1

L6: Entry 11 of 77

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014750

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040014750 A1

TITLE: Metal complexes and formulations of rifamycin analogues and uses thereof

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	MA	US	
Eisenstein, Barry	Chestnut Hill	MA	US	

US-CL-CURRENT: 514/224.5; 514/229.5

ABSTRACT:

The invention features compositions that include rifamycin analogues formulated with metal salts, metal complexes of rifamycin analogues, and methods for treating disease using these compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Des
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☐ 12. Document ID: US 20040014749 A1

L6: Entry 12 of 77

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014749
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040014749 A1

TITLE: Sulfhydryl rifamycins and uses thereof

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	MA	LU	
Eisenstein, Barry	Chestnut Hill	NY	US	
Geiss, William B.	Athens	NY	US	
Raker, Joseph	Delmar		US	

US-CL-CURRENT: 514/224.5; 514/229.8, 540/457

ABSTRACT:

The invention features sulfhydryl rifamycin compositions, methods of making these compositions, and methods for treating disease using these compositions.

☐ 13. Document ID: US 20030220312 A1

L6: Entry 13 of 77

File: PGPB

Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030220312

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030220312 A1

TITLE: Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for treatment of cardiovascular disorders

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuh, Joseph R.	St. Louis	MO	US	

US-CL-CURRENT: 514/173; 514/175

ABSTRACT:

A combination therapy comprising a therapeutically-effective amount of an epoxy-steroidal aldosterone receptor antagonist and a therapeutically-effective amount of a calcium channel blocker is described for treatment of circulatory disorders, including cardiovascular disorders such as hypertension, angina and congestive heart failure. Preferred calcium channel blockers are those compounds having high potency and bioavailability. Preferred epoxy-steroidal aldosterone receptor antagonists are 20-spiroxane steroidal compounds characterized by the presence of a 9.alpha.,11.alpha.-substituted epoxy moiety. A preferred combination therapy includes the calcium channel blocker amlodipine and the aldosterone receptor antagonist eplerenone.

☐ 14. Document ID: US 20030199743 A1

L6: Entry 14 of 77

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030199743

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030199743 A1

TITLE: Screening test and procedure using apocrine sweat

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Berlin, Stuart M.	Thousand Oaks	CA	US	

US-CL-CURRENT: 600/346

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or other collection means is used to collect apocrine sweat. The apocrine sweat is then used to indicate the existence of a disease state or changing physiological condition by the presence of specific marker compounds.

Apocrine sweat can also be collected from individuals known to have a specific disease or physiological condition and, by comparison with apocrine sweat from normal individuals, used to identify new markers indicative of the specific disease state or physiological condition.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 15. Document ID: US 20030124503 A1

L6: Entry 15 of 77

File: PGPB

Jul 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030124503

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030124503 A1

TITLE: Pyruvate cardioplegia solutions for administration to the heart during cardiopulmonary surgery and methods of use thereof

PUBLICATION-DATE: July 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Olivencia-Yurvati, Albert H.	Southlake	TX	US	
Mallet, Robert T.	Weatherford	TX	US	

US-CL-CURRENT: 435/1.1; 514/23, 514/3, 514/557

ABSTRACT:

The invention includes a novel cardioplegia solution in which pyruvate serves as the primary energy source. The solution may be used in any surgery where the heart must be arrested, but it is particularly useful in cardiopulmonary bypass surgery. Because the solution relies primarily upon pyruvate to protect the heart from damage during and immediately after arrest, other additives are not as necessary as with current cardioplegia solutions or are not necessary at all. The invention also includes a method for making the cardioplegia solution and a process of performing cardiopulmonary bypass surgery using the novel cardioplegia solution.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 16. Document ID: US 20030055027 A1

L6: Entry 16 of 77

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030055027
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030055027 A1

TITLE: Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for treatment of congestive heart failure

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schun, Joseph R.	St. Louis	MO	US	

US-CL-CURRENT: 514/173; 514/175

ABSTRACT:

A combination therapy comprising a therapeutically-effective amount of an epoxy-steroidal aldosterone receptor antagonist and a therapeutically-effective amount of a calcium channel blocker is described for treatment of circulatory disorders, including cardiovascular disorders such as hypertension, congestive heart failure, cirrhosis and ascites. Preferred calcium channel blockers are those compounds having high potency and bioavailability. Preferred epoxy-steroidal aldosterone receptor antagonists are 20-spiroxane steroidal compounds characterized by the presence of a 9.alpha.,11.alpha.-substituted epoxy moiety. A preferred combination therapy includes the calcium channel blocker verapamil HCl (Benzenacetonitrile, (.+-.).-alpha.[3[[2-(3,4-dimethoxyphenyl)ethyl]meth-ylamino]propyl]-3,4-dimethoxy-.alpha.-(1-methylethyl)hydrochloride) and the aldosterone receptor antagonist epoxymexrenone.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 17. Document ID: US 20030027788 A1

L6: Entry 17 of 77

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027788
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030027788 A1

TITLE: Polysaccharide conjugates of biomolecules

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Singh, Rajendra	San Jose	CA	US	
Mehta, Harshvardhan	Fremont	CA	US	

US-CL-CURRENT: 514/54; 536/123

ABSTRACT:

Compounds that are modified polysaccharides having pendant aldehyde functionalities are disclosed. Each of the aldehyde functionalities is attached through a linker to a

position corresponding to a hydrogen atom of a different hydroxyl group of unmodified polysaccharide. Also disclosed is a method for introducing an amine-reactive functionality into a dextran. The method comprises (a) reacting the dextran with an alkylating agent having a functionality that reacts with an hydroxyl group of the dextran thereby forming an alkylated dextran wherein the alkylating agent has an olefin group and (b) treating the alkylated dextran to convert the olefin group to an amine-reactive functionality. A polysaccharide can be conjugated to a biomolecule by carrying out the above method and reacting the amine-reactive functionality with an amine functionality on the biomolecule to produce polysaccharide conjugated to the biomolecule.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 18. Document ID: US 20020193586 A1

L6: Entry 18 of 77

File: PGPB

Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020193586

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020193586 A1

TITLE: POLYSACCHARIDE CONJUGATES OF BIOMOLECULES

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
SINGH, RAJENDRA	SAN JOSE	CA	US	
MEHTA, HARSHVARDHAN	FREMONT	CA	US	

US-CL-CURRENT: 536/51; 524/54

ABSTRACT:

Compounds that are modified polysaccharides having pendant aldehyde functionalities are disclosed. Each of the aldehyde functionalities is attached through a linker to a position corresponding to a hydrogen atom of a different hydroxyl group of unmodified polysaccharide. Also disclosed is a method for introducing an amine-reactive functionality into a dextran. The method comprises (a) reacting the dextran with an alkylating agent having a functionality that reacts with an hydroxyl group of the dextran thereby forming an alkylated dextran wherein the alkylating agent has an olefin group and (b) treating the alkylated dextran to convert the olefin group to an amine-reactive functionality. A polysaccharide can be conjugated to a biomolecule by carrying out the above method and reacting the amine-reactive functionality with an amine functionality on the biomolecule to produce polysaccharide conjugated to the biomolecule.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 19. Document ID: US 20020165735 A1

L6: Entry 19 of 77

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165735

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165735 A1

TITLE: Clinical care utilization management system

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stangel, Peter	Nyack	NY	US	

US-CL-CURRENT: 705/3

ABSTRACT:

A computer implemented system facilitates the submission of clinical events date to a reviewing agency by prompting for date needed to authorize the appropriateness of the event. The system directs an appropriate submission to authorize the event. The system further stores the patient clinical event data and presents the date for review. The system confirms that the clinical event is appropriate by referring to the input data and predetermined validation rules.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 20. Document ID: US 20020115921 A1

L6: Entry 20 of 77

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115921
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115921 A1

TITLE: Screening test and procedure using skin patches

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Berlin, Stuart	Thousand Oaks	CA	US	

US-CL-CURRENT: 600/362

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or electronic detector for vapors released from apocrine sweat are used to indicate the existence of a disease state or changing physiological condition. The patch or wipe can include in monoclonal antibodies or other chemical compounds that can indicate the presence of specific markers. This may include indicators that render visible, the existence of a reaction between the monoclonal antibody or chemical compound and the marker compound to indicate the existence of the condition being tested for. Various different disease states can be detected

including, but not limited to heart disease, cancer, autoimmune disease, viral or bacterial disease, renal disease, drug intoxication and other systemic illnesses. Fertility for conception and histocompatibility for organ transplantation of individuals should also be detectable.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Des
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☐ 21. Document ID: US 20020115665 A1

L6: Entry 21 of 77

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115665
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020115665 A1

TITLE: METHODS OF AND COMPOUNDS FOR INHIBITING CALPAINS

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
DePetrillo, Paolo B.	Bethesda	MD	US	
Wan, Wenshuai	Ellicott City	MD	US	

US-CL-CURRENT: 514/235.5; 514/183, 514/210.2, 514/307, 514/365, 514/43

ABSTRACT:

A method is disclosed for inhibiting calpain by contacting calpain with one or more HIV protease inhibitors or analogs. Included are embodiments for identifying subjects at risk of suffering calpain-mediated physiological damage and administering to them the HIV protease inhibitors or analogs. Alternatively, a compound may be administered to a subject following an actual event implicating activation of calpain. Also included are methods of treating or preventing calpain-mediated physiological damage in a subject by administering to the subject a therapeutically effective amount of a pharmaceutical composition which includes at least one HIV protease inhibitor or analog. The pharmaceutical compositions can be used in the treatment of a variety of conditions or diseases implicated by or associated with calpain activation, including cardiovascular diseases.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Des
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☐ 22. Document ID: US 20020111337 A1

L6: Entry 22 of 77

File: PGPB

Aug 15, 2002

PGPUB-DOCUMENT-NUMBER: 20020111337
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020111337 A1

TITLE: Use of an aldosterone receptor antagonist to improve cognitive function

PUBLICATION-DATE: August 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fedde, Kenton N.	Webster Groves	MO	US	
Perez, Alfonso T.	Lake Forest	IL	US	
Tooley, Joseph F.	Park Ridge	IL	US	

US-CL-CURRENT: 514/177

ABSTRACT:

Aldosterone receptor antagonists for the prevention and treatment of cognitive dysfunction are disclosed.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 23. Document ID: US 20020058612 A1

L6: Entry 23 of 77

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058612 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/2; 424/43

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMMC	Draw Des
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☐ 24. Document ID: US 20020042405 A1

L6: Entry 24 of 77

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042405

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042405 A1

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

TITLE: Epoxy-steroidal aldosterone antagonist and calcium channel blocker combination therapy for treatment of congestive heart failure

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuh, Joseph R.	St. Louis	MO	US	

US-CL-CURRENT: 514/175; 514/173

ABSTRACT:

A combination therapy comprising a therapeutically-effective amount of an epoxy-steroidal aldosterone receptor antagonist and a therapeutically-effective amount of a calcium channel blocker is described for treatment of circulatory disorders, including cardiovascular disorders such as hypertension, congestive heart failure, cirrhosis and ascites. Preferred calcium channel blockers are those compounds having high potency and bioavailability. Preferred epoxy-steroidal aldosterone receptor antagonists are 20-spiroxane steroidal compounds characterized by the presence of a 9.alpha.,11.alpha.-substituted epoxy moiety. A preferred combination therapy includes the calcium channel blocker verapamil HCl (Benzenacetoneitrile, (.+-.)-.alpha.[3[[2-(3,4-dimethoxyphenyl) ethyl]methylamino]propyl]-3,4-dimethoxy-.alpha.-(1-methylethyl) hydrochlor- ide) and the aldosterone receptor antagonist epoxymexrenone.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw Des
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☐ 25. Document ID: US 20020025539 A1

L6: Entry 25 of 77

File: PGPB

Feb 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020025539

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020025539 A1

TITLE: Methods for preparing conjugates

PUBLICATION-DATE: February 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dellinger, Douglas J.	Sunnyvale	CA	US	
Myerson, Joel	Berkeley	CA	US	
Fulcrand, Geraldine	Sunnyvale	CA	US	
Ilsley, Diane D.	San Jose	CA	US	

US-CL-CURRENT: 435/7.1

ABSTRACT:

Methods are disclosed for conjugating one moiety to another moiety. In the method the moieties are reacted with one another in a protic solvent. Reaction between the moieties and the protic solvent during the conjugating is negligible or reversible. A stable bond is formed between the moieties to produce a product that is not subject to .beta.-elimination at elevated pH. Usually, one of the moieties comprises an

unsaturation between two carbon atoms. One of the carbon atoms is or becomes an electrophile during the conjugating. The other of the moieties comprises a functionality reactive with the electrophile carbon atom to form a product that comprises the unsaturation. Compounds comprising both of the moieties as well as precursor molecules are also disclosed. Methods are also disclosed for determining an analyte in a sample employing compounds as described above.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 26. Document ID: US 6797481 B1

L6: Entry 26 of 77

File: USPT

Sep 28, 2004

US-PAT-NO: 6797481

DOCUMENT-IDENTIFIER: US 6797481 B1

TITLE: Simultaneous screening of multiple analytes

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Pirio; Marcel	San Jose	CA		
Ericson; Mary C.	Santa Cruz	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Davalian; Dariush	San Jose	CA		

US-CL-CURRENT: 435/7.1; 435/7.5, 435/7.9, 435/7.91, 435/7.92, 435/7.93, 435/975,
436/164, 436/165, 436/172, 436/518, 436/527, 436/805, 436/811, 436/815, 436/816,
436/817, 436/901

ABSTRACT:

Methods, compositions and kits are disclosed. The methods are directed to determining the presence of one or more analytes in a sample suspected of containing any one of a plurality of the analytes. A combination is provided comprising in a medium (i) the sample, (ii) a binding partner for each of the analytes, (iii) for each of the analytes, a first reagent comprising a member of a signal producing system, a ligand and an analyte analog, and (iv) a second reagent comprising a binding partner for the ligand. The binding of the binding partner for the ligand is affected by the presence of an analyte and alters the amount of signal produced by the member of the signal producing system. The signal thus is modulated if one or more of the analytes are present in the sample. The amount of the signal is determined and is related to the presence of one or more of the analytes in the sample. The method may be homogeneous or heterogeneous.

16 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	EMC	Draw Des
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☐ 27. Document ID: US 6759386 B2

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco; Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Drawings	Claims	FIGS	Draw Des
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☐ 28. Document ID: US 6743585 B2

L6: Entry 28 of 77

File: USPT

Jun 1, 2004

US-PAT-NO: 6743585

DOCUMENT-IDENTIFIER: US 6743585 B2

TITLE: Methods for preparing conjugates

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dellinger; Douglas J.	Sunnyvale	CA		
Myerson; Joel	Berkeley	CA		
Fulcrand; Geraldine	Sunnyvale	CA		
Ilsley; Diane D.	San Jose	CA		

US-CL-CURRENT: 435/6; 435/188, 436/525, 436/527, 436/529, 436/530, 436/531, 436/532, 436/829, 530/391.1, 530/402, 530/409

ABSTRACT:

Methods are disclosed for conjugating one moiety to another moiety. In the method the moieties are reacted with one another in a protic solvent. Reaction between the moieties and the protic solvent during the conjugating is negligible or reversible. A stable bond is formed between the moieties to produce a product that is not subject to .beta.-elimination at elevated pH. Usually, one of the moieties comprises an unsaturation between two carbon atoms. One of the carbon atoms is or becomes an electrophile during the conjugating. The other of the moieties comprises a functionality reactive with the electrophile carbon atom to form a product that comprises the unsaturation. Compounds comprising both of the moieties as well as precursor molecules are also disclosed. Methods are also disclosed for determining an analyte in a sample employing compounds as described above.

7 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 29. Document ID: US 6703248 B1

L6: Entry 29 of 77

File: USPT

Mar 9, 2004

US-PAT-NO: 6703248

DOCUMENT-IDENTIFIER: US 6703248 B1

TITLE: Particles for diagnostic and therapeutic use

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Pease; John S.	Los Altos	CA		
Sadakian; Jacqueline	San Jose	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/518; 422/82.05, 422/82.07, 422/82.08, 436/164, 436/166, 436/172, 436/520, 436/523, 436/524, 436/528, 436/533, 436/534, 436/535, 436/546, 436/8

ABSTRACT:

Methods, compositions and kits are disclosed. The compositions are light emitting and comprise a polymeric matrix having dissolved therein a photoactive compound. The composition has the characteristic that, after activation of the photoactive compound, the rate of decrease in the intensity of light emission at any time during a 20-fold decrease in the intensity is proportional to the intensity of the light emission. In one embodiment the polymeric matrix is comprised of particles of about 20 nm to about 100 .mu.m in diameter to which is bound a specific binding pair member. The particles generally comprise a polymeric matrix having dissolved therein about 1 to about 20% by weight of a dopant. The compositions may be used in methods for determining an analyte. A combination is provided comprising (1) a medium suspected of containing the analyte, (2) and the aforementioned composition. The photoactive substance is activated and the effect of the activating on the optical properties of the combination is detected. The presence and amount of the effect is related to the presence and amount of the analyte in the medium. Also disclosed are

kits for use in an assay.

13 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw. Des.
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☐ 30. Document ID: US 6585646 B2

L6: Entry 30 of 77

File: USPT

Jul 1, 2003

US-PAT-NO: 6585646

DOCUMENT-IDENTIFIER: US 6585646 B2

TITLE: Screening test and procedure using skin patches

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berlin; Stuart	Thousand Oaks	CA		

US-CL-CURRENT: 600/362; 600/306, 600/309, 600/573

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or electronic detector for vapors released from apocrine sweat are used to indicate the existence of a disease state or changing physiological condition. The patch or wipe can include in monoclonal antibodies or other chemical compounds that can indicate the presence of specific markers. This may include indicators that render visible, the existence of a reaction between the monoclonal antibody or chemical compound and the marker compound to indicate the existence of the condition being tested for. Various different disease states can be detected including, but not limited to heart disease, cancer, autoimmune disease, viral or bacterial disease, renal disease, drug intoxication and other systemic illnesses. Fertility for conception and histocompatibility for organ transplantation of individuals should also be detectable.

18 Claims, 0 Drawing figures

Exemplary Claim Number: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Draw. Des.
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☐ 31. Document ID: US 6489309 B1

L6: Entry 31 of 77

File: USPT

Dec 3, 2002

US-PAT-NO: 6489309

DOCUMENT-IDENTIFIER: US 6489309 B1

TITLE: Polysaccharide conjugates of biomolecules

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Rajendra	San Jose	CA		
Mehta; Harshvardhan	Fremont	CA		

US-CL-CURRENT: 514/54; 514/367, 514/59, 524/54, 536/51

ABSTRACT:

Compounds that are modified polysaccharides having pendant aldehyde functionalities are disclosed. Each of the aldehyde functionalities is attached through a linker to a position corresponding to a hydrogen atom of a different hydroxyl group of unmodified polysaccharide. Also disclosed is a method for introducing an amine-reactive functionality into a dextran. The method comprises (a) reacting the dextran with an alkylating agent having a functionality that reacts with an hydroxyl group of the dextran thereby forming an alkylated dextran wherein the alkylating agent has an olefin group and (b) treating the alkylated dextran to convert the olefin group to an amine-reactive functionality. A polysaccharide can be conjugated to a biomolecule by carrying out the above method and reacting the amine-reactive functionality with an amine functionality on the biomolecule to produce polysaccharide conjugated to the biomolecule.

11 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	FIGS	Draw Des
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☐ 32. Document ID: US 6482214 B1

L6: Entry 32 of 77

File: USPT

Nov 19, 2002

US-PAT-NO: 6482214

DOCUMENT-IDENTIFIER: US 6482214 B1

TITLE: Intravascular seal with mesh reinforcement and method for using same

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sidor, Jr.; William E.	Rockford	MI		
Bocheff; Carolyn	Grand Haven	MI		
Hall; John D.	Belmont	MI		
Marini; Gregory	Solon Township	MI		
Goodman; Jack	Ann Arbor	MI		

US-CL-CURRENT: 606/151; 606/153, 606/213

ABSTRACT:

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

An intravascular device is provided. The device comprises a sealing member, the member including a mesh material and a gripping element operatively attached to the sealing member, the gripping element operatively adapted to allow a user to position the sealing member to seal a blood vessel. Methods of using the device are also provided.

17 Claims, 17 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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☐ 33. Document ID: US 6448245 B1

L6: Entry 33 of 77

File: USPT

Sep 10, 2002

US-PAT-NO: 6448245

DOCUMENT-IDENTIFIER: US 6448245 B1

**** See image for Certificate of Correction ****

TITLE: Methods of and compounds for inhibiting calpains

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DePetrillo; Paolo B.	Bethesda	MD		
Wan; Wenshuai	Ellicott City	MD		

US-CL-CURRENT: 514/218; 514/252.13, 514/311, 514/365, 514/461

ABSTRACT:

A method is disclosed for inhibiting calpain by contacting calpain with one or more HIV protease inhibitors or analogs. Included are embodiments for identifying subjects at risk of suffering calpain-mediated physiological damage and administering to them the HIV protease inhibitors or analogs. Alternatively, a compound may be administered to a subject following an actual event implicating activation of calpain. Also included are methods of treating or preventing calpain-mediated physiological damage in a subject by administering to the subject a therapeutically effective amount of a pharmaceutical composition which includes at least one HIV protease inhibitor or analog. The pharmaceutical compositions can be used in the treatment of a variety of conditions or diseases implicated by or associated with calpain activation, including cardiovascular diseases.

48 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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☐ 34. Document ID: US 6406913 B1

L6: Entry 34 of 77

File: USPT

Jun 18, 2002

US-PAT-NO: 6406913
DOCUMENT-IDENTIFIER: US 6406913 B1

TITLE: Assay method utilizing induced luminescence

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 252/700, 422/52, 435/7.92, 435/971, 435/973, 435/975, 522/11, 522/12,
522/6, 522/8

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises treating a medium suspected of containing an analyte under conditions such that the analyte, if present, causes a photosensitizer and a chemiluminescent compound to come into close proximity. The photosensitizer generates singlet oxygen and activates the chemiluminescent compound when it is in close proximity. The activated chemiluminescent compound subsequently produces light. The amount of light produced is related to the amount of analyte in the medium. Preferably, at least one of the photosensitizer and chemiluminescent compound is associated with a surface which is usually a suspendible particle, and a specific binding pair member is bound thereto. Compositions and kits are also disclosed.

93 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Form	Draw. Des.
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☐ 35. Document ID: US 6406667 B1

L6: Entry 35 of 77

File: USPT

Jun 18, 2002

US-PAT-NO: 6406667
DOCUMENT-IDENTIFIER: US 6406667 B1

TITLE: Chemiluminescent compositions for use in detection of multiple analytes

DATE-ISSUED: June 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 422/52; 422/61, 436/172, 436/534

ABSTRACT:

Methods, compositions and kits are disclosed. The methods are directed to determining the presence or relative amounts of two or more components in a medium. A combination is provided comprising a medium suspected of containing the components and a label reagent for each of the components. The label reagent comprises a chemiluminescent composition that is activated by electromagnetic radiation. A first specific binding pair (sbp) member may be associated with the reagent depending on the components to be determined. Luminescence emitted by each of the chemiluminescent compositions upon activation is differentially detectable. Where a first sbp member is employed, it is capable of binding to the component or to a second sbp member to form a complex related to the amount of the component. At least one of the chemiluminescent compositions comprises a fluorescent energy acceptor. After the above are combined, the chemiluminescent compositions are activated. The amount of luminescence generated by each of the chemiluminescent compositions is detected and related to the amount of each of the components in the medium.

12 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc
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☐ 36. Document ID: US 6395015 B1

L6: Entry 36 of 77

File: USPT

May 28, 2002

US-PAT-NO: 6395015

DOCUMENT-IDENTIFIER: US 6395015 B1

TITLE: Temporary vascular seal for anastomosis

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Borst; Cornelius	Bilthoven				NL
Heijmen; Robin Henricus	Wijk Bij Duurstede				NL
Van Dalen; Robert	Amersfoort				NL
Grundeman; Paul Frederik	Amsterdam				NL
Verlaan; Cornelius Wilhelmus Josef	Soest				NL
Mansvelt Beck; Henricus Jacobus	Bilthoven				NL
Scheltes; Jules	The Hague				NL
Heikens; Martijn	Delft				NL

US-CL-CURRENT: 606/213; 606/153, 606/215

ABSTRACT:

A temporary intravascular arteriotomy seal for insertion into and retrieval from a blood vessel through an opening in the wall of the vessel. The seal comprises a thin flexible sheet material. According to one embodiment, in an untensioned state, the seal is curved and foldable in the width direction. It is adapted to be folded in the width direction upon exertion for a force on the gripping element directed in the length direction, and upon contacting of the sheet material by the sides of the opening in the vessel wall. By use of the sealing device, arterial by-pass grafting in a briefly-occlusive or non-occlusive end-to-side or side-to-side anastomosis

technique is possible with virtually no obstruction to flow, little endothelial denudation and otherwise no wall damage by the intravascular device, and without blocking of side branches. A further embodiment of a device according to the present invention is characterized in that the gripping element is formed by a supply duct which ends in an opening in the flexible sheet material for administration of substances to the supply duct into a blood vessel for rescue arterial perfusion purposes. Optionally, the seal may be inflatable.

30 Claims, 36 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 37. Document ID: US 6329000 B1

L6: Entry 37 of 77

File: USPT

Dec 11, 2001

US-PAT-NO: 6329000
DOCUMENT-IDENTIFIER: US 6329000 B1

TITLE: Extract of pine needle and the use thereof

DATE-ISSUED: December 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ji; Ling	Beijing, 100071			CN

US-CL-CURRENT: 424/770; 424/773, 514/824, 514/866

ABSTRACT:

This invention discloses a kind of pine needle extract. The extract can be used to treat the following diseases: hypertension, coronary heart disease, angina pectoris, arrhythmia, diabetes, hyperlipemia, high blood viscosity, high blood aggregation, scleratheroma, cerebral infarction, brain scleratheroma, senile dementia, sudden deafness, etc.

24 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 38. Document ID: US 6319674 B1

L6: Entry 38 of 77

File: USPT

Nov 20, 2001

US-PAT-NO: 6319674
DOCUMENT-IDENTIFIER: US 6319674 B1

TITLE: Methods for attaching substances to surfaces

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fulcrand; Geraldine	Sunnyvale	CA		
Dellinger; Douglas J.	Sunnyvale	CA		
Lefkowitz; Steven M.	Millbrae	CA		

US-CL-CURRENT: 435/7.1; 422/104, 427/341

ABSTRACT:

Methods are disclosed for immobilizing a substance to a surface. A surface is employed that comprises a linking group consisting of a first portion comprising a hydrocarbon chain, optionally substituted, and a second portion comprising an alkylene oxide or an alkylene imine wherein the alkylene is optionally substituted. One end of the first portion is attached to the surface and one end of the second portion is attached to the other end of the first portion chain by means of an amine or an oxy functionality. The second portion terminates in an amine or a hydroxy functionality. The surface is reacted with the substance to be immobilized under conditions for attachment of the substance to the surface by means of the linking group. Compositions of matter and reaction systems are also disclosed.

28 Claims, 12 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw. Des.
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☐ 39. Document ID: US 6251581 B1

L6: Entry 39 of 77

File: USPT

Jun 26, 2001

US-PAT-NO: 6251581

DOCUMENT-IDENTIFIER: US 6251581 B1

TITLE: Assay method utilizing induced luminescence

DATE-ISSUED: June 26, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 435/4; 252/582, 252/700, 435/174, 435/192, 435/28, 435/810, 435/968, 436/172, 436/528, 436/533, 436/534, 436/829

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises treating a medium suspected of containing an

analyte under conditions such that the analyte, if present, causes a photosensitizer and a chemiluminescent compound to come into close proximity. The photosensitizer generates singlet oxygen and activates the chemiluminescent compound when it is in close proximity. The activated chemiluminescent compound subsequently produces light. The amount of light produced is related to the amount of analyte in the medium. Preferably, at least one of the photosensitizer and chemiluminescent compound is associated with a surface which is usually a suspendible particle, and a specific binding pair member is bound thereto. Compositions and kits are also disclosed.

36 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	FIGS	Draw. Des.
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☐ 40. Document ID: US 6153442 A

L6: Entry 40 of 77

File: USPT

Nov 28, 2000

US-PAT-NO: 6153442
DOCUMENT-IDENTIFIER: US 6153442 A

TITLE: Reagents and methods for specific binding assays

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pirio; Marcel Rene	San Jose	CA		
Davalian; Dariush	San Jose	CA		
Ishkanian; Jacqueline Sadakan	San Mateo	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/533; 435/6, 435/7.5, 436/500, 436/531, 436/532, 436/534, 436/544,
436/815, 436/817, 548/303.7

ABSTRACT:

The present invention relates to compounds that are bis-biotins. These compounds comprise two biotinyl radicals connected by a chain of atoms, usually at least 16 atoms in length. The bis-biotin is conjugated to a member of a specific binding pair ("sbp member") wherein the chain is not part of the sbp member. Also disclosed are compositions comprising a complex of avidin and a bis-biotin as described above. The compounds and compositions of the invention find use in an assay for an analyte wherein there is employed a reagent system comprising an avidin reagent and a biotin reagent. The improvement of the present invention comprises using as the biotin reagent a bis-biotin as described above. Also disclosed are kits comprising the present bis-biotins and methods of preparing a bis-biotinylated conjugate of a member of a specific binding pair ("sbp member") for use in a specific binding assay.

43 Claims, 1 Drawing figures
Exemplary Claim Number: 17
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	FIGS	Draw. Des.
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☐ 41. Document ID: US 6143514 A

L6: Entry 41 of 77

File: USPT

Nov 7, 2000

US-PAT-NO: 6143514

DOCUMENT-IDENTIFIER: US 6143514 A

TITLE: Chemiluminescent compositions and their use in the detection of hydrogen peroxide

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Singh; Sharat	San Jose	CA		

US-CL-CURRENT: 435/28; 435/14, 435/177, 435/180, 435/6

ABSTRACT:

Compositions, methods and kits are disclosed. The compositions comprise a matrix having incorporated therein a label capable of being modified by singlet oxygen. A catalyst capable of catalyzing the formation of singlet oxygen is bound to the matrix, which permits the diffusion of singlet oxygen therein. The compositions may be used in methods for detecting hydrogen peroxide or a compound capable of generating hydrogen peroxide. A sample suspected of containing such compound is combined with a composition in accordance with the present invention. The combination is subjected to conditions wherein such compound generates hydrogen peroxide. The reaction of singlet oxygen with the label is determined, the reaction thereof indicating the presence of the compound capable of generating hydrogen peroxide.

47 Claims, 0 Drawing figures

Exemplary Claim Number: 12

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMIC	Draw Desc
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☐ 42. Document ID: US 6103537 A

L6: Entry 42 of 77

File: USPT

Aug 15, 2000

US-PAT-NO: 6103537

DOCUMENT-IDENTIFIER: US 6103537 A

TITLE: Capillary assays involving separation of free and bound species

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Stauber; Gregory B.	San Ramon	CA		

US-CL-CURRENT: 436/526; 204/451, 204/452, 204/601, 204/603, 204/606, 204/630,
422/82.01, 435/7.1, 435/7.7, 435/7.72, 435/7.9, 435/7.92, 435/7.93, 435/7.94,
435/7.95, 435/971, 436/514, 436/515, 436/516, 436/517, 436/518, 436/524, 436/527,
436/536, 436/538, 436/540, 436/542, 436/824

ABSTRACT:

The present invention concerns methods for masking inhomogeneity of a member of a specific binding pair (sbp) employed in a capillary electroseparation. The method comprises binding the sbp member to synthetic particles that become localized during capillary electroseparation. Also disclosed is one embodiment of the present invention, which is a method for conducting a capillary electroseparation specific binding assay. The method involves the electroseparation of a labeled first member of a specific binding pair that is bound in a complex from labeled first member that is not bound in the complex. The complex comprises the first member and a second member of a specific binding pair. A combination is provided comprising a sample suspected of containing an analyte, a labeled first member of a specific binding pair, and a second member of a specific binding pair under conditions for forming a complex between labeled first member and the second member. The second member either initially or subsequent to the formation of the complex being covalently or noncovalently bound to synthetic particles that migrate uniformly during electroseparation. The combination is subjected to electroseparation and a determination is made as to whether the complex is formed. Also disclosed are kits for conducting a capillary electroseparation specific binding assay.

10 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Des
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☐ 43. Document ID: US 6002000 A

L6: Entry 43 of 77

File: USPT

Dec 14, 1999

US-PAT-NO: 6002000

DOCUMENT-IDENTIFIER: US 6002000 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 544/6; 252/301.16, 252/301.26, 252/301.32, 252/700, 544/71, 546/18

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises providing (1) combining a medium suspected of containing the analyte and a novel chemiluminescent compound, (2) combining a means for chemically activating the chemiluminescent compound; and (3) detecting the amount

of luminescence generated by the chemiluminescent compound. The amount of luminescence generated is related to the amount of analyte in the medium. The chemiluminescent compound can be chemically activated by hydrogen peroxide. Compositions and kits are also disclosed.

11 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 44. Document ID: US 5981203 A

L6: Entry 44 of 77

File: USPT

Nov 9, 1999

US-PAT-NO: 5981203
DOCUMENT-IDENTIFIER: US 5981203 A

TITLE: Unitary sandwich enzyme immunoassay cassette, device and method of use

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meyerhoff; Mark E.	Ann Arbor	MI		
Duan; Chuanming	Hockessin	DE		

US-CL-CURRENT: 435/7.92; 422/82.01, 422/82.02, 427/2.11, 435/5, 435/6, 435/7.1,
435/7.9, 436/518, 436/525, 436/528, 436/807

ABSTRACT:

An enzyme sandwich immunoassay, device and cassette therefor for determining a target analyte are described. The enzyme sandwich immunoassay cassette (B) comprises a microporous membrane support (m) having coated thereon a conductive metal layer overlaid with a capture antibody layer (e). The electrochemical device (A) comprises a first chamber (b) into which sample and an enzyme labelled antibody capable of specifically binding to the target analyte are placed, wherein the enzyme is capable of catalyzing the production of an electrochemically detectable product; a second chamber (a) adjoining the first chamber (b) into which a substrate for the enzyme is placed, wherein the substrate is capable of producing, when catalyzed by the enzyme, the electrochemically detectable product; and, separating the first (b) and second (a) chambers, a microporous membrane support (m) as described above, wherein the conductive metal layer (e) of the microporous membrane support (m) acts as an electrode to detect, directly or indirectly, the presence of the electrochemically detectable product.

14 Claims, 15 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 45. Document ID: US 5936070 A

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

US-PAT-NO: 5936070

DOCUMENT-IDENTIFIER: US 5936070 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 530/391.3; 435/6, 435/805, 435/815, 435/818, 436/544, 530/391.5

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises providing (1) combining a medium suspected of containing the analyte and a novel chemiluminescent compound, (2) combining a means for chemically activating the chemiluminescent compound; and (3) detecting the amount of luminescence generated by the chemiluminescent compound. The amount of luminescence generated is related to the amount of analyte in the medium. The chemiluminescent compound can be chemically activated by hydrogen peroxide. Compositions and kits are also disclosed.

The chemiluminiscent compound is a spiro-acridan and has ##STR1## where X and Y are independently O, S, Se or NH; and Z is a chain 1-5 atoms in length; 0 to 8 hydrogens of the compound alone or taken together, may be replaced an alkyl, alkylidene, aryl aralkyl, or an alkyl, aryl or aralkyl substituted with one or more radicals of functional groups; 1 to 4 of the aromatic carbon atoms may be replaced by nitrogen atoms; and 0 to 1 hydrogens may be replaced by a specific binding pair member or fluorescent group.

9 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	EMAC	Draw Des
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☐ 46. Document ID: US 5929049 A

L6: Entry 46 of 77

File: USPT

Jul 27, 1999

US-PAT-NO: 5929049

DOCUMENT-IDENTIFIER: US 5929049 A

TITLE: Polysaccharide conjugates of biomolecules

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Rajendra	San Jose	CA		
Mehta; Harshvardhan	Fremont	CA		

US-CL-CURRENT: 514/54; 514/367, 514/59, 524/54

ABSTRACT:

Compounds that are modified polysaccharides having pendant aldehyde functionalities are disclosed. Each of the aldehyde functionalities is attached through a linker to a position corresponding to a hydrogen atom of a different hydroxyl group of unmodified polysaccharide. Also disclosed is a method for introducing an amine-reactive functionality into a dextran. The method comprises (a) reacting the dextran with an alkylating agent having a functionality that reacts with an hydroxyl group of the dextran thereby forming an alkylated dextran wherein the alkylating agent has an olefin group and (b) treating the alkylated dextran to convert the olefin group to an amine-reactive functionality. A polysaccharide can be conjugated to a biomolecule by carrying out the above method and reacting the amine-reactive functionality with an amine functionality on the biomolecule to produce polysaccharide conjugated to the biomolecule.

24 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMMC	Draw Des
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☐ 47. Document ID: US 5861265 A

L6: Entry 47 of 77

File: USPT

Jan 19, 1999

US-PAT-NO: 5861265

DOCUMENT-IDENTIFIER: US 5861265 A

**** See image for Certificate of Correction ****

TITLE: Binding assay method using a signal preventing reagent

DATE-ISSUED: January 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perry; Martin John	Slough			GB2

US-CL-CURRENT: 435/7.92; 422/56, 435/25, 435/27, 435/28, 435/7.93, 435/962, 435/963, 435/970, 436/501, 436/514, 436/518, 436/530, 436/810, 436/817

ABSTRACT:

A device for performing an enzyme-labelled binding assay comprises an absorbent material and a developing solution containing a substrate for said enzyme, wherein the absorbent material is provided with a plurality of reagent zones including an indicator reagent zone and is capable of transporting the developing solution by capillary action sequentially through the reagent zones, and wherein the indicator reagent zone includes a reagent capable, directly or indirectly, of immobilizing an enzyme-labelled reagent in an amount dependent on the assay result, characterized in that the absorbent material includes a reagent that prevents a signal formation except where enzyme-labelled reagent is immobilized at the indicator reagent zone.

The absorbent material is suitably in the form of an elongate strip provided with transverse reagent zones. The device is useful for performing immunoassays, including immunometric assays and dual analyte assays.

18 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 48. Document ID: US 5827673 A

L6: Entry 48 of 77

File: USPT

Oct 27, 1998

US-PAT-NO: 5827673
DOCUMENT-IDENTIFIER: US 5827673 A

TITLE: Method of detecting myocardial infarction

DATE-ISSUED: October 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matsumori; Akira	Minoo			JP

US-CL-CURRENT: 435/7.92; 435/7.94, 436/536, 436/540, 436/548, 436/811, 436/815,
530/380, 530/403

ABSTRACT:

The present invention provides a method of detecting and diagnosing myocardial infarction which detects myocardial infarction by immunoassay using a monoclonal antibody having specific reactivity for human hepatocyte growth factor (HGF) as obtained by using human HGF as immunogen as well as a diagnostic agent for myocardial infarction which comprises, as essential component thereof, the monoclonal antibody mentioned above. The method of the present invention makes it possible to detect and diagnose patients with myocardial infarction.

2 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 49. Document ID: US 5817640 A

L6: Entry 49 of 77

File: USPT

Oct 6, 1998

US-PAT-NO: 5817640
DOCUMENT-IDENTIFIER: US 5817640 A

TITLE: Methods of preventing tissue damage associated with decreased blood flow by administration of AICA riboside compounds

DATE-ISSUED: October 6, 1998

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gruber; Harry E.	Rancho Santa Fe	CA		
Mullane; Kevin M.	Del Mar	CA		
Laikind; Paul K.	San Diego	CA		

US-CL-CURRENT: 514/46; 435/975, 514/45, 514/821, 514/822, 514/824, 514/885, 514/886

ABSTRACT:

Methods of preventing tissue damage associated with decreased blood flow in a human by administering AICA riboside or a prodrug thereof in an amount which provides a blood plasma concentration of between 1 .mu.g/ml and 20 .mu.g/ml of AICA riboside for a time sufficient to reduce the risk of said tissue damage in said human. Methods of preventing an adverse clinical outcome, such as an adverse cardiovascular and/or cerebrovascular event, in a patient at risk for such outcome by administering AICA riboside or a prodrug thereof in an amount which provides a blood plasma concentration of between 1 .mu.g/ml and 20 .mu.g/ml of AICA riboside for a time sufficient to reduce the risk for said patient.

52 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K000	Draw Des
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☐ 50. Document ID: US 5709994 A

L6: Entry 50 of 77

File: USPT

Jan 20, 1998

US-PAT-NO: 5709994

DOCUMENT-IDENTIFIER: US 5709994 A

**** See image for Certificate of Correction ****

TITLE: Photoactivatable chemiluminescent matrices

DATE-ISSUED: January 20, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pease; John S.	Los Altos	CA		
Kirakossian; Hrair	San Jose	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/4; 252/582, 252/700, 435/6, 435/7.1, 435/7.92, 435/810, 436/172, 436/3, 436/501, 436/829

ABSTRACT:

Methods for labeling a material are disclosed. The methods comprise combining with the material (a) a photosensitizer capable upon irradiation of generating singlet oxygen and (b) a chemiluminescent compound capable of being activated by singlet oxygen wherein the photosensitizer and the chemiluminescent compound are incorporated in a particulate matrix or a non-particulate solid matrix. The particulate matrix can

be solid or fluid. The methods allow for generating delayed luminescence, which can be realized upon irradiation of the matrix. The methods have application to the determination of an analyte in a medium suspected of containing the analyte. One method comprises subjecting a medium suspected of containing an analyte to conditions under which a complex of specific binding pair (sbp) members is formed in relation to the presence of the analyte and determining whether the sbp member complex has formed by employing as a label a single composition having both chemiluminescent and photosensitizer properties. Upon activation of the photosensitizer property singlet oxygen is generated and activates the chemiluminescent property. Compositions and kits are also disclosed.

74 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMCC	Draw Des
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☐ 51. Document ID: US 5672478 A

L6: Entry 51 of 77

File: USPT

Sep 30, 1997

US-PAT-NO: 5672478
DOCUMENT-IDENTIFIER: US 5672478 A

TITLE: Methods of use for and kits containing chemiluminescent compounds

DATE-ISSUED: September 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 435/6; 435/4, 435/5, 435/7.1, 435/7.2, 435/810, 436/501, 436/63,
536/24.3, 536/24.31, 536/24.32, 536/26.6

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises providing (1) combining a medium suspected of containing the analyte and a novel chemiluminescent compound, (2) combining a means for chemically activating the chemiluminescent compound; and (3) detecting the amount of luminescence generated by the chemiluminescent compound. The amount of luminescence generated is related to the amount of analyte in the medium. The chemiluminescent compound can be chemically activated by hydrogen peroxide. Compositions and kits are also disclosed.

36 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMCC	Draw Des
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☐ 52. Document ID: US 5641639 A

L6: Entry 52 of 77

File: USPT

Jun 24, 1997

US-PAT-NO: 5641639

DOCUMENT-IDENTIFIER: US 5641639 A

**** See image for Certificate of Correction ****

TITLE: Binding assay device

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perry; Martin John	Slough			GB2

US-CL-CURRENT: 435/7.92; 422/56, 435/25, 435/27, 435/28, 435/962, 435/963, 435/970,
435/975, 436/501, 436/514, 436/518, 436/530, 436/810, 436/817

ABSTRACT:

A device for performing an enzyme-labelled binding assay comprises an absorbent material and a developing solution containing a substrate for said enzyme, wherein the absorbent material is provided with a plurality of reagent zones including an indicator reagent zone and is capable of transporting the developing solution by capillary action sequentially through the reagent zones, and wherein the indicator reagent zone includes a reagent capable, directly or indirectly, of immobilising an enzyme-labelled reagent in an amount dependent on the assay result, characterized in that the absorbent material includes a reagent that prevents a signal formation except where enzyme-labelled reagent is immobilised at the indicator reagent zone. The absorbent material is suitably in the form of an elongate strip provided with transverse reagent zones. The device is useful for performing immunoassays, including immunometric assays and dual analyte assays.

15 Claims, 6 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw. Des.
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☐ 53. Document ID: US 5637467 A

L6: Entry 53 of 77

File: USPT

Jun 10, 1997

US-PAT-NO: 5637467

DOCUMENT-IDENTIFIER: US 5637467 A

TITLE: Heterogeneous assay using a pendulous drop

DATE-ISSUED: June 10, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meltzer; Robert J.	Kirkland	WA		

US-CL-CURRENT: 435/7.9; 435/188, 435/7.93, 435/7.94, 436/164, 436/172, 436/528,

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

ABSTRACT:

As method of determining an analyte is described, where a medium suspected of containing an analyte is drawn into a capillary tube by capillary action, such that if the analyte is present, it becomes immobilized in the tube. This medium is expelled from the tube and, optionally, one or more additional reagents are similarly drawn up and expelled. When the last fluid is expelled from the tube, a pendulous drop is caused to form at the opening of the capillary tube and is examined for the presence or intensity of the signal, which is related to the presence or amount of analyte in the medium.

55 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMMC	Draw Des
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☐ 54. Document ID: US 5618732 A

L6: Entry 54 of 77

File: USPT

Apr 8, 1997

US-PAT-NO: 5618732

DOCUMENT-IDENTIFIER: US 5618732 A

TITLE: Method of calibration with photoactivatable chemiluminescent matrices

DATE-ISSUED: April 8, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pease; John S.	Los Altos	CA		
Kirakossian; Hrair	San Jose	CA		
Wagner; Daniel B.	Sunnyvale	CA		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 436/8; 436/172, 436/905

ABSTRACT:

Methods for labeling a material are disclosed. The methods comprise combining with the material (a) a photosensitizer capable upon irradiation of generating singlet oxygen and (b) a chemiluminescent compound capable of being activated by singlet oxygen wherein the photosensitizer and the chemiluminescent compound are incorporated in a particulate matrix or a non-particulate solid matrix. The particulate matrix can be solid or fluid. The methods allow for generating delayed luminescence, which can be realized upon irradiation of the matrix. The methods have application to the determination of an analyte in a medium suspected of containing the analyte. One method comprises subjecting a medium suspected of containing an analyte to conditions under which a complex of specific binding pair (sbp) members is formed in relation to the presence of the analyte and determining whether the sbp member complex has formed by employing as a label a single composition having both chemiluminescent and photosensitizer properties. Upon activation of the photosensitizer property singlet oxygen is generated and activates the chemiluminescent property. Compositions and kits are also disclosed.

3 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw. Des.
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☐ 55. Document ID: US 5545834 A

L6: Entry 55 of 77

File: USPT

Aug 13, 1996

US-PAT-NO: 5545834

DOCUMENT-IDENTIFIER: US 5545834 A

TITLE: Chemiluminescent compounds and methods of use

DATE-ISSUED: August 13, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Singh; Sharat	San Jose	CA		
Singh; Rajendra	Mountain View	CA		
Meneghini; Frank	Keene	NH		
Ullman; Edwin F.	Atherton	CA		

US-CL-CURRENT: 544/6; 252/301.16, 252/301.26, 252/301.32, 252/700, 544/231, 544/71,
546/18

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises providing (1) combining a medium suspected of containing the analyte and a novel chemiluminescent compound, (2) combining a means for chemically activating the chemiluminescent compound; and (3) detecting the amount of luminescence generated by the chemiluminescent compound. The amount of luminescence generated is related to the amount of analyte in the medium. The chemiluminescent compound can be chemically activated by hydrogen peroxide. Compositions and kits are also disclosed. The chemiluminescent compound is a spiro-acridan and has ##STR1## where X and Y are independently O, S, Se or NH; and Z is a chain, 1-5 atoms in length; 0 to 8 hydrogens of the compound alone or taken together, may be replaced an alkyl, alkylidene, aryl, aralkyl, or an alkyl, aryl or aralkyl substituted with one or more radicals of functional groups; 1 to 4 of the aromatic carbon atoms may be replaced by nitrogen atoms; and 0 to 1 hydrogens may be replaced by a specific binding pair member or fluorescent group.

11 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw. Des.
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☐ 56. Document ID: US 5439882 A

L6: Entry 56 of 77

File: USPT

Aug 8, 1995

US-PAT-NO: 5439882

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

DOCUMENT-IDENTIFIER: US 5439882 A
** See image for Certificate of Correction **

TITLE: Blood substitute

DATE-ISSUED: August 8, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feola; Mario	Lubbock	TX		
Simoni; Jan S.	Lubbock	TX		
Canizaro, deceased; Peter C.	late of Lubbock	TX		

US-CL-CURRENT: 514/6; 514/832, 530/385, 530/829

ABSTRACT:

An improved blood substitute comprises purified hemoglobin, preferably bovine, cross-linked intramolecularly with periodate-oxidized ATP (o-ATP) and intermolecularly with periodate-oxidized adenosine (o-adenosine), combined with reduced glutathione (GSH), and optionally enriched with mannitol, non-electrolytes, and/or electrolytes. The blood substitute has prolonged intravascular persistence, can sustain plasma volume, has low oxygen affinity, can work as a physiological oxygen carrier, has vasodilator activity and can reduce the vasoconstriction that follows hemorrhage. A method of treating a human afflicted with acute blood loss and/or a sickling crisis of sickle cell anemia comprises intravenously administering to the human an effective volume of the blood substitute.

52 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	MMC	Draw Des
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☐ 57. Document ID: US 5432165 A

L6: Entry 57 of 77

File: USPT

Jul 11, 1995

US-PAT-NO: 5432165
DOCUMENT-IDENTIFIER: US 5432165 A

TITLE: Methods for the treatment of infection caused by Hepatitis B virus (HBV)

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adair; Dennis W.	Suisun	CA		
Smiles; Kenneth A.	Loveland	OH		
King; Dannie H.	Solano Beach	CA		

US-CL-CURRENT: 514/50; 514/49

ABSTRACT:

The present invention relates to pharmaceutical compositions useful for the treatment of subjects suffering from an infection or disease caused by the hepatitis B virus (HBV). In particular, it has been discovered that the administration of low dosage amounts of 1-(2'-deoxy-2'-fluoro-.beta.-D-arabinofuranosyl)-5-iodouracil (FIAU) to humans chronically infected with HBV is effective to reduce drastically circulating markers associated with HBV. The present invention is also directed to methods of the preparation of pharmaceutical antiviral compositions.

13 Claims, 25 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 16

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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☐ 58. Document ID: US 5340716 A

L6: Entry 58 of 77

File: USPT

Aug 23, 1994

US-PAT-NO: 5340716
DOCUMENT-IDENTIFIER: US 5340716 A

TITLE: Assay method utilizing photoactivated chemiluminescent label

DATE-ISSUED: August 23, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ullman; Edwin F.	Atherton	CA		
Kirakossian; Hrair	San Jose	CA		
Pease; John S.	Los Altos	CA		
Daniloff; Yuri	Mountain View	CA		
Wagner; Daniel B.	Sunnyvale	CA		

US-CL-CURRENT: 435/6; 435/7.7

ABSTRACT:

Methods are disclosed for determining an analyte in a medium suspected of containing the analyte. One method comprises providing (1) a medium suspected of containing the analyte, (2) a label reagent comprising a first specific binding pair (sbp) member associated with a photochemically activatable chemiluminescent compound wherein the first sbp member is capable of binding to the analyte or to a second sbp member to form a complex related to the presence of the analyte. The method further comprises photochemically activating the chemiluminescent compound. The amount of luminescence generated by the chemiluminescent compound is detected. The amount thereof is related to the amount of analyte in the medium. Compositions and kits are also disclosed.

86 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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☐ 59. Document ID: US 4788138 A

US-PAT-NO: 4788138

DOCUMENT-IDENTIFIER: US 4788138 A

TITLE: Method to achieve a linear standard curve in a sandwich immunoassay

DATE-ISSUED: November 29, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tung; Ker-Kong	Carlsbad	CA		
Cragle; Linda K.	San Diego	CA		
Rood, Jr.; Frederick W.	Fallbrook	CA		
Lee; Shih-Yun	San Marcos	CA		

US-CL-CURRENT: 435/5; 435/7.23, 435/7.4, 435/7.5, 435/7.7, 435/7.94, 436/513,
436/533, 436/534, 436/801, 436/803, 436/817, 436/820, 436/827

ABSTRACT:

A method for obtaining an actual linear standard curve in a sandwich type of immunoassay where a first antibody bound to an insoluble support and a second unbound labelled antibody complex with the antigen contained in a test sample to form an insoluble antibody:antigen:labelled antibody complex which is then detected. Unbound unlabelled first antibody and/or unbound unlabelled second antibody are added to the reaction mixture to divert excess antigen away from the desired end-product complex, thus rendering the antigen of interest the rate-limiting factor in the overall immunoreaction. This results in a pseudo first-order reaction which produces an actual linear standard curve.

27 Claims, 3 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	MMO	Draw Des
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☐ 60. Document ID: US 4476016 A

L6: Entry 60 of 77

File: USPT

Oct 9, 1984

US-PAT-NO: 4476016

DOCUMENT-IDENTIFIER: US 4476016 A

TITLE: Heart attack screening method, apparatus and kit for same

DATE-ISSUED: October 9, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 210/198.2; 210/427, 422/70

ABSTRACT:

The invention consists of improved apparatus and a kit packaged improved apparatus and methods for use of such apparatus such kits especially adapted for isolating and identifying and quantitatively measuring the MB iso-enzyme of creatine phosphokinase in fresh human blood serum and apparatus including combinations of racks, glass receptacles and other equipment for making various quantitative and qualitative blood and blood serum tests.

3 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw Des
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☐ 61. Document ID: US 4338396 A

L6: Entry 61 of 77

File: USPT

Jul 6, 1982

US-PAT-NO: 4338396
DOCUMENT-IDENTIFIER: US 4338396 A

TITLE: Heart attack screening method and process

DATE-ISSUED: July 6, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 435/17; 210/635, 435/194, 435/803, 435/815, 435/816

ABSTRACT:

Improved steps and methods for rapid, efficient and accurate assay of the CPK isozyme MB (cardiac fraction) and other determinations using chromatographic column technique. The improvements are especially adapted for carrying out rapid diagnostic tests in clinics and hospitals. Also contemplated improved apparatus and methods and uses of same adapted for the test method, such apparatus having novel features which can be packaged and merchandised in kit form. Other special features include use of electrophoresis either with or without the conventional chromatographic column analyses and using a selected colored (preferred-green) marker dye. Another special feature is that the used columns of the improved design can be conveniently recycled using the same solutions.

5 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw Des
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☐ 62. Document ID: US 4298592 A

L6: Entry 62 of 77

File: USPT

Nov 3, 1981

US-PAT-NO: 4298592
DOCUMENT-IDENTIFIER: US 4298592 A

TITLE: Double antibody separation method

DATE-ISSUED: November 3, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lin; Wayne H. T.	Chesterfield	MO		
Grib; James J.	St. Louis	MO		
Mosier; Larry D.	St. Louis	MO		

US-CL-CURRENT: 436/540; 422/61, 435/17, 435/21, 435/7.4, 435/975, 436/539, 436/804,
436/808

ABSTRACT:

A double antibody radioimmunoassay method for determining antigens in a sample wherein polyethylene glycol is provided in a reaction medium to accelerate an immunoprecipitation reaction between water-soluble first antibodies bound to antigen and water-soluble second antibodies which are not specific to said antigens but which are specific to said first antibodies. A double antibody, multi-component radioimmunoassay test kit is also provided. The kit contains radiolabeled antigen reagent, first water-soluble antibody reagent and second water-soluble antibody reagent, as well as a polyethylene glycol reagent, which may optionally be combined with the second antibody reagent, in an amount sufficient to accelerate an immunoprecipitation reaction, between said first and second reagents.

9 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	MMO	Draw. Des.
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☐ 63. Document ID: US 4273867 A

L6: Entry 63 of 77

File: USPT

Jun 16, 1981

US-PAT-NO: 4273867
DOCUMENT-IDENTIFIER: US 4273867 A

TITLE: Method and reagent for counteracting lipemic interference

DATE-ISSUED: June 16, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lin; Wayne H. T.	Chesterfield	MO		
Grib; James J.	St. Louis	MO		
Mosier; Larry D.	St. Louis	MO		

US-CL-CURRENT: 435/7.4; 435/17, 435/21, 435/962, 435/968, 436/540, 436/804, 436/825

ABSTRACT:

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.7&ref=6&dbname=PGPB,USPT,US...> 10/14/04

A method and reagent for counteracting lipemic interference in an assay of a lipid-containing sample, e.g. blood. The method includes the steps of: (a) mixing with the sample prior to or during said assay a high surface area, finely-divided adsorbent having an affinity for lipids, and a nonionic, water-soluble polymer, and (b) precipitating adsorbed lipids in said sample. The reagent includes a high surface area finely-divided adsorbent, and a nonionic, water-soluble polymer having a molecular weight of from about 1,000 to 100,000.

15 Claims, 0 Drawing figures
Exemplary Claim Number: 1,13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 64. Document ID: US 4248642 A

L6: Entry 64 of 77

File: USPT

Feb 3, 1981

US-PAT-NO: 4248642
DOCUMENT-IDENTIFIER: US 4248642 A

TITLE: Wash cycle process

DATE-ISSUED: February 3, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 134/2; 134/10, 134/22.16, 134/22.17, 134/22.19, 134/26, 134/28,
134/29, 134/3

ABSTRACT:

A systematic and programmed wash cycle for cleaning automatic and semi-automatic biochemical analyzers and separators and other equipment. The wash cycle includes a series or sequence of specific and ordered washing steps using a fixed specific sequence of reagents in critical concentrations including use of a hypochlorite reducing agent, a peroxide oxidising agent, an alkaline hydroxide solution, a solution of cetyl pyridinium bromide and cinnamic aldehyde, a solution of a polysulfonated alkyl detergent and a hydrochloric acid solution. It is also contemplated as a special feature, to use a so-called "polishing" system to eliminate from analyzers the micro-organisms and enzymes which cause interference with UV analyses. It is also a particular feature that the ordered wash cycle can be used to clean tubular flow systems, including piping and plumbing, such as may occur in centralized air conditioning units and miscellaneous washing machinery.

9 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Des
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☐ 65. Document ID: US 4224406 A

US-PAT-NO: 4224406

DOCUMENT-IDENTIFIER: US 4224406 A

TITLE: Immunochemical LDH.sub.1 assay

DATE-ISSUED: September 23, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gomez; Magdalena U.	Wayne	NJ		
Wicks; Richard W.	Belleville	NJ		

US-CL-CURRENT: 435/7.4; 435/26, 435/971, 436/512, 436/811

ABSTRACT:

LDH.sub.1 levels in serum samples can be rapidly and accurately assayed by a novel immunochemical technique. In such procedure the serum sample is treated with soluble antibodies against the M subunit and the resulting antigen-antibody reaction product is insolubilized with a second antibody supported on an insoluble material. The resulting supernatant containing only LDH, isoenzyme is assayed for enzymatic activity by conventional procedures. The assay of LDH.sub.1 levels in sera is useful in determining whether the subject has undergone a myocardial infarction.

5 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Des.
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☐ 66. Document ID: US 4105499 A

L6: Entry 66 of 77

File: USPT

Aug 8, 1978

US-PAT-NO: 4105499

DOCUMENT-IDENTIFIER: US 4105499 A

TITLE: Heart attack screening method, apparatus and kit for same

DATE-ISSUED: August 8, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 435/17

ABSTRACT:

A diagnostic method for the rapid detection of heart attacks in human patients which comprises passing patient blood serum through a chromatographic column, isolating and identifying the major portion of creatine phosphokinase-MB isoenzyme from the eluate by the inclusion of a green food color. The column may be recycled and reused.

9 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. Des.
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☐ 67. Document ID: US 4013513 A

L6: Entry 67 of 77

File: USPT

Mar 22, 1977

US-PAT-NO: 4013513

DOCUMENT-IDENTIFIER: US 4013513 A

**** See image for Certificate of Correction ****

TITLE: Ion exchange chromatographic isoenzyme separation and isolation

DATE-ISSUED: March 22, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lederer; William H.	Pittsburgh	PA		

US-CL-CURRENT: 435/190; 435/17, 435/194, 435/21, 435/26, 435/815

ABSTRACT:

A process of separating and isolating fractions containing isoenzymes from a sample of tissue extract or blood serum comprising ion-exchange column chromatographically separating the sample containing the isoenzymes into a first fraction containing the hepatic isoenzyme of lactic acid dehydrogenase and a second fraction containing the myocardial isoenzymes of lactic acid dehydrogenase, the myocardial isoenzyme of creatine phosphokinase and prostatic acid phosphatase by ion-exchange column chromatographing the sample on a weakly-basic anion exchange chromatographic resin and sequentially eluting and collecting the first fraction and the second fraction.

22 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw. Des.
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☐ 68. Document ID: US 3994783 A

L6: Entry 68 of 77

File: USPT

Nov 30, 1976

US-PAT-NO: 3994783

DOCUMENT-IDENTIFIER: US 3994783 A

TITLE: Differential assay of creatine phosphokinase isoenzymes

DATE-ISSUED: November 30, 1976

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
------	------	-------	----------	---------

Rao; Parinam Srinivasa
Lukes; James J.
Mueller; Hiltrud S.

Shrewsbury MA
Worcester MA
Framingham MA

US-CL-CURRENT: 435/17; 435/194

ABSTRACT:

A process for the determination of creatine phosphokinase MB-isoenzyme (CPK-MB) level in serum in which CPK is determined before and after MB-activation with 1,4-dimercapto-2,3-dihydroxy butane or 2-mercaptoethanol, preferably in an assay system using the ATP/ADP conversion. The difference in the two values found is due to the CPK-MB present. The invention is of particular utility in the diagnosis and treatment of myocardial damage.

9 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMK	Draw Des
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☐ 69. Document ID: RU 2200322 C2

L6: Entry 69 of 77

File: DWPI

Mar 10, 2003

DERWENT-ACC-NO: 2003-655439
DERWENT-WEEK: 200362
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TITLE: Diagnosis of infectious-toxic cardiopathy in neonatals comprises detecting activity of creatine phosphokinase in venous blood serum, succinate dehydrogenase, and alpha-glycerophosphate dehydrogenase in capillary blood lymphocytes

INVENTOR: CHERKASOV, N S; LEBEDEVA, O V

PRIORITY-DATA: 2001RU-0108488 (March 29, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2200322 C2	March 10, 2003		000	G01N033/50

INT-CL (IPC): G01 N 33/48; G01 N 33/50

ABSTRACTED-PUB-NO: RU 2200322C
BASIC-ABSTRACT:

NOVELTY - The method deals with earlier diagnostics of infectious-toxic cardiopathy after purulent-septic diseases in neonatals and babies at simultaneous evaluation of the state in metabolic and energetic processes in myocardium. Simultaneously detect the activity of creatine phosphokinase in venous blood serum, succinate dehydrogenase, and alpha-glycerophosphate dehydrogenase in capillary blood lymphocytes during restoration of purulent-septic process.

DETAILED DESCRIPTION - The method deals with earlier diagnostics of infectious-toxic cardiopathy after purulent-septic diseases in neonatals and babies at simultaneous evaluation of the state in metabolic and energetic processes in myocardium. One should simultaneously detect the activity of creatine phosphokinase - MB (CPKMB) in

venous blood serum, succinate dehydrogenase (SDG), alpha-glycerophosphate dehydrogenase (alpha- GPDG) in capillary blood lymphocytes during restoration of purulent-septic process and at higher CPK-MB activity value ranged 9.0-16 U/l and lower SDG value ranged 7.6- 5.2 g/lymph., alpha-GPDG value ranged 6.5-4.8 g/lymph. One should diagnose infectious-toxic cardiopathy.

USE - The method deals with earlier diagnostics of infectious-toxic cardiopathy after purulent-septic diseases in neonatals and babies.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw Des
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☐ 70. Document ID: CN 1363839 A

L6: Entry 70 of 77

File: DWPI

Aug 14, 2002

DERWENT-ACC-NO: 2003-334114

DERWENT-WEEK: 200332

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TITLE: Biochip for diagnosing early myocardial infarction

INVENTOR: LOU, Y

PRIORITY-DATA: 2001CN-0126894 (September 28, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1363839 A	August 14, 2002		000	G01N033/50

INT-CL (IPC): G01 N 33/50; G01 N 33/558

ABSTRACTED-PUB-NO: CN 1363839A

BASIC-ABSTRACT:

NOVELTY - The invention discloses a biological chip for diagnosing early myocardial infarction. The main features of the invention are that the biological chip for diagnosing early myocardial infarction is composed of carrier box and piece of test paper of protein, and there are more than three (including three) carrier slots in the back board of the carrier box. Pieces of test paper with multiple indicators at least including for testing muscle hemoglobin, troponin I, or troponin T and serous creatine phosphate kinase isoenzyme (CPK-MB) are put into the carrier slots, moreover pieces of test paper prepared for other protein singularity antibody can be added also. The biological chip overcomes shortcomings of complex testing process, long period and expensive that existing prior art. The invention can be used for people to test by himself or in hospital.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw Des
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☐ 71. Document ID: US 20040167070 A1, WO 200177328 A1, AU 200155237 A, US 20020058612 A1, US 20040023863 A1, US 20040116349 A1, US 6759386 B2

L6: Entry 71 of 77

File: DWPI

Aug 26, 2004

DERWENT-ACC-NO: 2002-049148

DERWENT-WEEK: 200457

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TITLE: Treatment of heart disease brought on by e.g. myocardial infarction, unstable angina, thrombolytic therapy, bypass surgery or angioplasty, comprises multi-tiered administration of growth factors

INVENTOR: FRANCO, W P

PRIORITY-DATA: 2000US-195624P (April 6, 2000), 2001US-0828330 (April 6, 2001), 2003US-0730831 (December 9, 2003), 2003US-0731197 (December 9, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20040167070 A1	August 26, 2004		000	A61K038/18
WO 200177328 A1	October 18, 2001	E	089	C12N015/12
AU 200155237 A	October 23, 2001		000	
US 20020058612 A1	May 16, 2002		000	A61L009/04
US 20040023863 A1	February 5, 2004		000	A61K038/18
US 20040116349 A1	June 17, 2004		000	A61K038/18
US 6759386 B2	July 6, 2004		000	A61K038/18

INT-CL (IPC): A61 K 38/18; A61 L 9/04; C07 K 5/00; C07 K 14/52; C12 N 15/12

ABSTRACTED-PUB-NO: US20020058612A

BASIC-ABSTRACT:

NOVELTY - Treatment of heart disease comprising multi-tiered administration of growth factors.

DETAILED DESCRIPTION - Systematic multi-tiered treatment of heart disease comprises delivery of therapeutic growth factor proteins (GFP) by:

- (a) oral inhalation of at least one dose of an effective amount of a first therapeutic GFP formulation in a patient displaying symptoms of heart disease;
- (b) monitoring levels of CPK-MB in the patient;
- (c) determining whether administration of the GFP formulation was effective in treating the symptoms;
- (d) administering one or more additional doses of a second GFP formulation by a delivery method more invasive than oral inhalation; and
- (e) repeating steps (b)-(d) until there is a clinical indication of amelioration of the symptoms of heart disease in the patient, or until there is a contraindication to continued treatment.

INDEPENDENT CLAIMS are also included for the following:

- (1) administration of therapeutic amounts of GFP formulation for treatment of heart disease by inhalation;
- (2) monitoring clinical effectiveness of administration of a GFP formulation in the treatment of heart disease comprising:
 - (i) performing an assay on a sample of biological fluid from a patient displaying symptoms of heart disease to determine the amount of CPK-MB present in the fluid;
 - (ii) administering a therapeutic amount of GFP formulation to the patient; and
 - (iii) repeating steps (i) and (ii) until the assayed amount of CPK-MB in the biological fluid has decreased by an amount sufficient to indicate the clinical

effectiveness of the administration of the GFP formulation.

ACTIVITY - Cardiant. Pellets containing 10 or 100 micro g basic fibroblast growth factor (bFGF) or placebo were placed on the epicardial surface in patients with a viable and ischemic myocardial area that could not be revascularized, during coronary artery bypass surgery. After 16 months patients were angina free with the exception of 3 people in the placebo group and 1 patient who received the 10 micro g pellet.

MECHANISM OF ACTION - Angiogenesis stimulator.

USE - The method is used for the treatment of heart disease, where the symptoms are chronic or acute, especially where the symptoms are brought on by myocardial infarction, unstable angina, acute anginal attack or reperfusion injury, preferably induced by thrombolytic therapy, bypass surgery or angioplasty (claimed).

ADVANTAGE - Inhalation is the least invasive method of delivering the growth factors to the lungs. Prior are invasive approaches have not been successful in promoting angiogenesis. The pericardial space serves as a drug delivery reservoir for delivery of therapeutic agents to the heart. Use of a catheter avoids the need for open chest surgery. Intravenous infusions are practical, low cost and can be used in a broad group of patients. Treatment can be repeated easily and may not require any special facilities.

ABSTRACTED-PUB-NO:

WO 200177328A EQUIVALENT-ABSTRACTS:

NOVELTY - Treatment of heart disease comprising multi-tiered administration of growth factors.

DETAILED DESCRIPTION - Systematic multi-tiered treatment of heart disease comprises delivery of therapeutic growth factor proteins (GFP) by:

- (a) oral inhalation of at least one dose of an effective amount of a first therapeutic GFP formulation in a patient displaying symptoms of heart disease;
- (b) monitoring levels of CPK-MB in the patient;
- (c) determining whether administration of the GFP formulation was effective in treating the symptoms;
- (d) administering one or ore additional doses of a second GFP formulation by a delivery method more invasive than oral inhalation; and
- (e) repeating steps (b)-(d) until there is a clinical indication of amelioration of the symptoms of heart disease in the patient, or until there is a contraindication to continued treatment.

INDEPENDENT CLAIMS are also included for the following:

- (1) administration of therapeutic amounts of GFP formulation for treatment of heart disease by inhalation;

- (2) monitoring clinical effectiveness of administration of a GFP formulation in the treatment of heart disease comprising:

- (i) performing an assay on a sample of biological fluid from a patient displaying symptoms of heart disease to determine the amount of CPK-MB present in the fluid;

- (ii) administering a therapeutic amount of GFP formulation to the patient; and

- (iii) repeating steps (i) and (ii) until the assayed amount of CPK-MB in the biological fluid has decreased by an amount sufficient to indicate the clinical effectiveness of the administration of the GFP formulation.

ACTIVITY - Cardiant. Pellets containing 10 or 100 micro g basic fibroblast growth factor (bFGF) or placebo were placed on the epicardial surface in patients with a viable and ischemic myocardial area that could not be revascularized, during coronary artery bypass surgery. After 16 months patients were angina free with the exception of 3 people in the placebo group and 1 patient who received the 10 micro g pellet.

MECHANISM OF ACTION - Angiogenesis stimulator.

USE - The method is used for the treatment of heart disease, where the symptoms are chronic or acute, especially where the symptoms are brought on by myocardial infarction, unstable angina, acute anginal attack or reperfusion injury, preferably induced by thrombolytic therapy, bypass surgery or angioplasty (claimed).

ADVANTAGE - Inhalation is the least invasive method of delivering the growth factors to the lungs. Prior are invasive approaches have not been successful in promoting angiogenesis. The pericardial space serves as a drug delivery reservoir for delivery of therapeutic agents to the heart. Use of a catheter avoids the need for open chest surgery. Intravenous infusions are practical, low cost and can be used in a broad group of patients. Treatment can be repeated easily and may not require any special facilities.

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	K00C	Draw Des
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☐ 72. Document ID: EP 467695 A, EP 467695 A3

L6: Entry 72 of 77

File: DWPI

Jan 22, 1992

DERWENT-ACC-NO: 1992-026500

DERWENT-WEEK: 199204

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TITLE: Appts. for detection and treatment of myocardial infarctions - has heart and blood sensors for recognising mi and trigger release of thrombolytic drug

INVENTOR: COLLINS, K A; DANIEL, K P ; GILLI, N L ; MCCULLOCH, R M ; WICKHAM, J P

PRIORITY-DATA: 1990US-0556549 (July 20, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 467695 A	January 22, 1992		000	
EP 467695 A3	August 5, 1992		000	

INT-CL (IPC): A61N 1/36

ABSTRACTED-PUB-NO: EP 467695A

BASIC-ABSTRACT:

The appts. has electrocardiographic sensor for electrical activity in the heart esp. R-wave amplitude and ST segment voltage level and a device for recognising an MI, thus initiating the supply of a thrombolytic drug (and possibly antiarrhythmic agents, nitrates or other cardiovascular drugs) to the patient's bloodstream. Sensing and appropriate corrective therapy for fibrillation of the heart, tachycardia and brachycardia is provided as optional provisions.

The electrical sensor may be supplemented with additional sensors to monitor the mechanical activity of the heart esp. heart wall motion and blood pressure, blood concentrations of selected ions esp. potassium and selected serum enzymes esp. CPK-

MB.

ADVANTAGE - Detects MI at onset using objective methods which do not rely on patient's chest pain.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Drawn Des
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☐ 73.

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Search Results - Record(s) 1 through 18 of 18 returned.

☐ 1. Document ID: US 20040176404 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 18

File: PGPB

Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040176404

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040176404 A1

TITLE: Methods and reagents for treating or preventing atherosclerosis and diseases associated therewith

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sayada, Chalom B.	Luxembourg City		LU	

US-CL-CURRENT: 514/291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw Des
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☐ 2. Document ID: US 20040167070 A1

L7: Entry 2 of 18

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167070 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising

the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 3. Document ID: US 20040157840 A1

L7: Entry 3 of 18

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040157840

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040157840 A1

TITLE: Rifalazil compositions and therapeutic regimens

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Cabana, Bernard E.	Montgomery Village	MD	US	
Michaelis, Arthur F.	Devon	PA	US	
Magnant, Gary P.	Topsfield	MA	US	
Sayada, Chalom B.	Luxembourg City		LU	

US-CL-CURRENT: 514/229.5

ABSTRACT:

The invention features low-dosage rifalazil compositions and therapeutic regimens which are useful for the treatment of bacterial infections.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 4. Document ID: US 20040116349 A1

L7: Entry 4 of 18

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040116349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040116349 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 5. Document ID: US 20040077611 A1

L7: Entry 5 of 18

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077611

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040077611 A1

TITLE: Triple therapy of angiotensin converting enzyme inhibitor epoxy-steroidal aldosterone antagonist and diuretic or digoxin for treatment of cardiovascular disease

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Alexander, John C.	Princeton	NJ	US	
Roniker, Barbara	Chicago	IL	US	
Desai, Subhash	Wilmette	IL	US	

US-CL-CURRENT: 514/171; 514/423

ABSTRACT:

Combinations of an ACE inhibitor and an epoxy-steroidal aldosterone receptor antagonist are described for use in treatment of circulatory disorders. Of particular interest are therapies using epoxy-steroidal-type aldosterone receptor antagonist compounds, such as eplerenone, in combination with an angiotensin converting enzyme inhibitor. This co-therapy would be particularly useful to treat congestive heart failure while avoiding or reducing aldosterone-antagonist-induced side effects such as hyperkalemia.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FWMC	Draw Des
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☐ 6. Document ID: US 20040063718 A1

L7: Entry 6 of 18

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040063718

PGPUB-FILING-TYPE: new

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.8&ref=7&dbname=PGPB,USPT,US...> 10/14/04

DOCUMENT-IDENTIFIER: US 20040063718 A1

TITLE: Targeted therapeutics and uses thereof

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	NY	LU	
Zha, Congxiang	Schenectady		US	

US-CL-CURRENT: 514/252.13; 540/457

ABSTRACT:

The invention features a method of delivering a drug to a diseased cell by linking the drug to a rifamycin derivative, compositions that include drug-rifamycin conjugates of the invention, and methods for treating disease using those compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Des
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☐ 7. Document ID: US 20040034021 A1

L7: Entry 7 of 18

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040034021

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040034021 A1

TITLE: Intravenous rifalazil formulation and methods of use thereof

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Sayada, Chalom	Luxembourg City	MD	LU	
Cabana, Bernard E.	Montgomery Village		US	

US-CL-CURRENT: 514/229.5

ABSTRACT:

The invention features intravenous dosage formulations of rifalazil and methods of treating disease by intravenous administration of rifalazil.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Des
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☐ 8. Document ID: US 20040023863 A1

L7: Entry 8 of 18

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040023863
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040023863 A1

TITLE: Methods of use growth factors for treating heart disease

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/12

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FORM	Draw Des
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☐ 9. Document ID: US 20040014750 A1

L7: Entry 9 of 18

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014750
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040014750 A1

TITLE: Metal complexes and formulations of rifamycin analogues and uses thereof

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	MA	US	
Eisenstein, Barry	Chestnut Hill	MA	US	

US-CL-CURRENT: 514/224.5; 514/229.5

ABSTRACT:

The invention features compositions that include rifamycin analogues formulated with

metal salts, metal complexes of rifamycin analogues, and methods for treating disease using these compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMMC	Draw Des
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☐ 10. Document ID: US 20040014749 A1

L7: Entry 10 of 18

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040014749

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040014749 A1

TITLE: Sulfhydryl rifamycins and uses thereof

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Michaelis, Arthur F.	Devon	PA	US	
Maulding, Hawkins V.	Mendham	NJ	US	
Sayada, Chalom	Luxembourg City	MA	LU	
Eisenstein, Barry	Chestnut Hill	NY	US	
Geiss, William B.	Athens	NY	US	
Raker, Joseph	Delmar		US	

US-CL-CURRENT: 514/224.5; 514/229.8, 540/457

ABSTRACT:

The invention features sulfhydryl rifamycin compositions, methods of making these compositions, and methods for treating disease using these compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMMC	Draw Des
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☐ 11. Document ID: US 20030199743 A1

L7: Entry 11 of 18

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030199743

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030199743 A1

TITLE: Screening test and procedure using apocrine sweat

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Berlin, Stuart M.	Thousand Oaks	CA	US	

US-CL-CURRENT: 600/346

<http://westbrs.9000/bin/gate.exe?f=TOC&state=3pgbkl.8&ref=7&dbname=PGPB,USPT,US...> 10/14/04

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or other collection means is used to collect apocrine sweat. The apocrine sweat is then used to indicate the existence of a disease state or changing physiological condition by the presence of specific marker compounds.

Apocrine sweat can also be collected from individuals known to have a specific disease or physiological condition and, by comparison with apocrine sweat from normal individuals, used to identify new markers indicative of the specific disease state or physiological condition.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 12. Document ID: US 20020115921 A1

L7: Entry 12 of 18

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115921 A1

TITLE: Screening test and procedure using skin patches

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Berlin, Stuart	Thousand Oaks	CA	US	

US-CL-CURRENT: 600/362

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or electronic detector for vapors released from apocrine sweat are used to indicate the existence of a disease state or changing physiological condition. The patch or wipe can include in monoclonal antibodies or other chemical compounds that can indicate the presence of specific markers. This may include indicators that render visible, the existence of a reaction between the monoclonal antibody or chemical compound and the marker compound to indicate the existence of the condition being tested for. Various different disease states can be detected including, but not limited to heart disease, cancer, autoimmune disease, viral or bacterial disease, renal disease, drug intoxication and other systemic illnesses. Fertility for conception and histocompatibility for organ transplantation of individuals should also be detectable.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw Des
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☐ 13. Document ID: US 20020058612 A1

L7: Entry 13 of 18

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058612

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020058612 A1

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Franco, Wayne P.	Rocky Hill	CT	US	

US-CL-CURRENT: 514/2; 424/43

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw Des
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☐ 14. Document ID: US 6759386 B2

L7: Entry 14 of 18

File: USPT

Jul 6, 2004

US-PAT-NO: 6759386

DOCUMENT-IDENTIFIER: US 6759386 B2

TITLE: Methods of use of fibroblast growth factor, vascular endothelial growth factor and related proteins in the treatment of acute and chronic heart disease

DATE-ISSUED: July 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franco, Wayne P.	Rocky Hill	CT	06067	

US-CL-CURRENT: 514/2; 514/12, 514/14, 514/8, 530/300

ABSTRACT:

Disclosed herein is a rational, multi-tier approach to the administration of growth factor proteins in the treatment of heart disease. Also disclosed is a method to

evaluate the effectiveness of the administration of growth factor proteins comprising the clinical assay of CPK-MB levels in a patient undergoing treatment with growth factor proteins. In addition, there is disclosed a method for treatment of heart disease comprising administration of a therapeutically effective amount of a growth factor protein by oral inhalation therapy.

24 Claims, 4 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 15. Document ID: US 6585646 B2

L7: Entry 15 of 18

File: USPT

Jul 1, 2003

US-PAT-NO: 6585646

DOCUMENT-IDENTIFIER: US 6585646 B2

TITLE: Screening test and procedure using skin patches

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berlin; Stuart	Thousand Oaks	CA		

US-CL-CURRENT: 600/362; 600/306, 600/309, 600/573

ABSTRACT:

Marker compounds indicative of variations in physiological conditions, genetic defects or disease states have been found to be present in apocrine sweat and, in many conditions, these markers are present in apocrine sweat in elevated levels when compared to blood. These markers are collected and/or detected in apocrine sweat and used as an indicator that a disease state or particular physiological condition exists. A skin patch, wipe or electronic detector for vapors released from apocrine sweat are used to indicate the existence of a disease state or changing physiological condition. The patch or wipe can include in monoclonal antibodies or other chemical compounds that can indicate the presence of specific markers. This may include indicators that render visible, the existence of a reaction between the monoclonal antibody or chemical compound and the marker compound to indicate the existence of the condition being tested for. Various different disease states can be detected including, but not limited to heart disease, cancer, autoimmune disease, viral or bacterial disease, renal disease, drug intoxication and other systemic illnesses. Fertility for conception and histocompatibility for organ transplantation of individuals should also be detectable.

18 Claims, 0 Drawing figures
Exemplary Claim Number: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw Des
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☐ 16. Document ID: US 5817640 A

US-PAT-NO: 5817640

DOCUMENT-IDENTIFIER: US 5817640 A

TITLE: Methods of preventing tissue damage associated with decreased blood flow by administration of AICA riboside compounds

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gruber; Harry E.	Rancho Santa Fe	CA		
Mullane; Kevin M.	Del Mar	CA		
Laikind; Paul K.	San Diego	CA		

US-CL-CURRENT: 514/46; 435/975, 514/45, 514/821, 514/822, 514/824, 514/885, 514/886

ABSTRACT:

Methods of preventing tissue damage associated with decreased blood flow in a human by administering AICA riboside or a prodrug thereof in an amount which provides a blood plasma concentration of between 1 .mu.g/ml and 20 .mu.g/ml of AICA riboside for a time sufficient to reduce the risk of said tissue damage in said human. Methods of preventing an adverse clinical outcome, such as an adverse cardiovascular and/or cerebrovascular event, in a patient at risk for such outcome by administering AICA riboside or a prodrug thereof in an amount which provides a blood plasma concentration of between 1 .mu.g/ml and 20 .mu.g/ml of AICA riboside for a time sufficient to reduce the risk for said patient.

52 Claims, 5 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw Des
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☐ 17. Document ID: US 4476016 A

L7: Entry 17 of 18

File: USPT

Oct 9, 1984

US-PAT-NO: 4476016

DOCUMENT-IDENTIFIER: US 4476016 A

TITLE: Heart attack screening method, apparatus and kit for same

DATE-ISSUED: October 9, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 210/198.2; 210/427, 422/70

ABSTRACT:

The invention consists of improved apparatus and a kit packaged improved apparatus and methods for use of such apparatus such kits especially adapted for isolating and identifying and quantitatively measuring the MB iso-enzyme of creatine phosphokinase in fresh human blood serum and apparatus including combinations of racks, glass receptacles and other equipment for making various quantitative and qualitative blood and blood serum tests.

3 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	FORM	Draw Des
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☐ 18. Document ID: US 4338396 A

L7: Entry 18 of 18

File: USPT

Jul 6, 1982

US-PAT-NO: 4338396

DOCUMENT-IDENTIFIER: US 4338396 A

TITLE: Heart attack screening method and process

DATE-ISSUED: July 6, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kiyasu; John Y.	Garden City	NY	11530	

US-CL-CURRENT: 435/17; 210/635, 435/194, 435/803, 435/815, 435/816

ABSTRACT:

Improved steps and methods for rapid, efficient and accurate assay of the CPK isozyme MB (cardiac fraction) and other determinations using chromatographic column technique. The improvements are especially adapted for carrying out rapid diagnostic tests in clinics and hospitals. Also contemplated improved apparatus and methods and uses of same adapted for the test method, such apparatus having novel features which can be packaged and merchandised in kit form. Other special features include use of electrophoresis either with or without the conventional chromatographic column analyses and using a selected colored (preferred-green) marker dye. Another special feature is that the used columns of the improved design can be conveniently recycled using the same solutions.

5 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	FORM	Draw Des
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☐ 1. Document ID: US 6656449 B1

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L12: Entry 1 of 2

File: USPT

Dec 2, 2003

US-PAT-NO: 6656449

DOCUMENT-IDENTIFIER: US 6656449 B1

TITLE: Methods of screening agents for activity using teleosts

DATE-ISSUED: December 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Serbedzija; George	Woburn	MA		
Seng; Wen Lin	Westborough	MA		
McGrath; Patricia	Cambridge	MA		

US-CL-CURRENT: 424/9.2; 424/9.1, 424/9.34, 424/9.6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FORM	Draw Desc
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☐ 2. Document ID: US 6299858 B1

L12: Entry 2 of 2

File: USPT

Oct 9, 2001

US-PAT-NO: 6299858

DOCUMENT-IDENTIFIER: US 6299858 B1

TITLE: Methods of screening agents for activity using teleosts

DATE-ISSUED: October 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Serbedzija; George N.	Woburn	MA		
Semino; Carlos	Cambridge	MA		
Frost; Deanna	Cambridge	MA		

US-CL-CURRENT: 424/9.2; 424/9.1, 424/9.6

ABSTRACT:

The present invention provides methods of screening an agent for activity using teleosts. Methods of screening an agent for angiogenesis activity, toxic activity and an effect cell death activity in teleosts are provided.

<http://westbrs:9000/bin/gate.exe?f=TOC&state=3pgbkl.13&ref=12&dbname=PGPB,USPT,U...> 10/14/04

26 Claims, 22 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw. Des.
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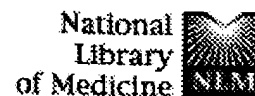
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[The isoenzyme creatine phosphokinase-MB (CPK-MB) as an aid the diagnosis of acute heart infarct]

[Article in Dutch]

Fiolet JW, Willebrands AF, Lie KI, Ter Welle HF, Durrer D.

PMID: 643093 [PubMed - indexed for MEDLINE]

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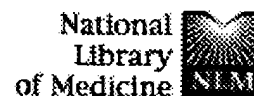
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The significance of the MB isoenzyme in patients with acute cardiovascular disease with a normal or borderline total CPK activity.

D'Souza JP, Sine HE, Horvitz RA, Kubasik NP, Brody BB, Barold SS.

CPK MB isoenzymes were qualitatively identified using an electrophoresis method in 166 patients with acute cardiovascular disease during a six month period. Forty-three had total CPK activity in the normal or borderline range (0- U/Liter at the time the MB isoenzyme was first identified. Fifteen of these patients were diagnosed as having had a new acute myocardial infarction (Group I) or another 15 as having had an old myocardial infarction (Group II). Diagnosis was based on electrocardiographic changes or autopsy findings. The remaining 13 patients were classified as "ischemic heart disease" (Group III) in the absence of strict electrocardiographic criteria or autopsy evidence of myocardial infarction. Nine of the 15 patients in Group I subsequently had elevations of their total CPK activity above 75 U/L. In contrast the total CPK activity of only one patient from Group II and Group III subsequently exceeded 75 U/liter. All 43 patients had evidence of cardiovascular disease. Our findings suggest that the detection of MB isoenzyme in the presence of a normal total CPK activity is a significant laboratory finding and is indicative of cardiac myofiber injury.

PMID: 729162 [PubMed - indexed for MEDLINE]

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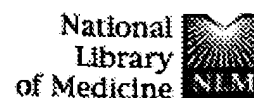
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[Experimental and clinical assessment of myocardial protective effect of a prostacyclin analogue (OP 41483)]

[Article in Japanese]

Kuki S, Matsuda H, Sawa Y, Ohtani M, Sasako Y, Ohtake S, Takami H, Kuratani T, Nakano S, Kawashima Y.

The beneficial effects of a stable prostacyclin analogue (PGI₂-A), OP 41483 against myocardial ischemic injury were experimentally and clinically evaluated. In 31P-NMR study, the preischemic treatment with PGI₂-A prevented myocardial ATP depletion of rat hearts which were subjected to 20 min global ischemia. In patients with congenital heart disease, the PGI₂-A of 300 ng/ml was added to a glucose-insulin-potassium cardioplegia (PGI₂-group), and this group was compared to control group without PGI₂-A in terms of postoperative maximal leakage of CPK-MB (maxCPK-MB). In patients under 1 yr or patients over 1 yr with aortic cross clamp time exceeded 120 min, the maxCPK-MB was significantly ($p < 0.05$) reduced as compared to the control. This stable PGI₂ analogue has shown significant myocardial protective effects experimentally as also in clinical setting.

PMID: 9301917 [PubMed - indexed for MEDLINE]

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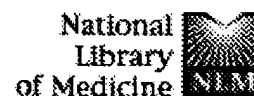
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☐ Cardiac metabolism and performance following cold potassium cardioplegia. Circulation. 1978 Sep;58(3 Pt 2):I217-26. PMID: 14740705 [PubMed - indexed for MEDLINE]

☐ 2: Kamohara K, Yoshikai M, Yunoki J, Fumoto H, Itoh T, Murayama J, Hamada M. Related Articles, 1

☐ [Emergency coronary artery bypass grafting for acute coronary syndrome with preoperative intraaortic balloon pumping; comparative surgical outcome and long-term results] Kyobu Geka. 2003 Dec;56(13):1075-81; discussion 1081-4. Japanese. PMID: 14672015 [PubMed - indexed for MEDLINE]

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☐ Evidence of ischemic preconditioning in patients experiencing first non-ST-segment elevation myocardial infarction (NSTEMI). Int J Cardiol. 2003 Dec;92(2-3):209-17. PMID: 14659855 [PubMed - indexed for MEDLINE]

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☐ The prognostic value of high-sensitive C-reactive protein and cardiac troponin in young and middle-aged patients with chest pain without ECG changes. Eur J Intern Med. 2003 Aug;14(5):310-314. PMID: 13678756 [PubMed - as supplied by publisher]

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☐ [Utility of the serum biochemical markers CPK, CPK MB mass, myoglobin, a cardiac troponin T in a chest pain unit. Which marker determinations should be requested and when?] Rev Esp Cardiol. 2002 Sep;55(9):913-20. Spanish. PMID: 12236920 [PubMed - indexed for MEDLINE]

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



















☐ 7: Di Salvo C, Louca LL, Pattichis K, Hooper J, Walesby RK. Related Articles, 1

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Eur J Cardiothorac Surg. 1997 Aug;12(2):276-84.
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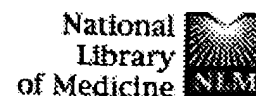
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Cellulose acetate electrophoresis of creatine phosphokinase isoenzymes in the diagnosis of myocardial infarction.

Wong R, Swallen TO.

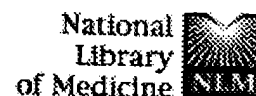
A method for rapid separation and visualization of creatine phosphokinase (EC 2.7.3.2 ATP: creatine phosphotransferase) isoenzymes on cellulose acetate has been developed. The technic uses the Beckman microzone electrophoresis syst and is applicable to other cellulose acetate systems. Incubation is with a commercially available substrate solution, and the isoenzyme bands are visuali by fluorescence using a long-wavelength ultraviolet light. An intermediate migrating isoenzyme band (CPK-MB) was detected in sera of 67 of 68 patient with myocardial infarction, and was not present in patients with other disorder that might clinically be confused with myocardial infarction.

PMID: 1155383 [PubMed - indexed for MEDLINE]

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Diagnosis, incidence, and clinical significance of early postoperative ischemia after transmyocardial laser revascularization.

Hughes GC, Landolfo KP, Lowe JE, Coleman RB, Donovan CL.

Duke University Medical Center, Durham, NC 27710, USA.

BACKGROUND: Clinical improvement after transmyocardial laser revascularization (TMR) is typically delayed, and patients therefore remain at risk for ischemic events after the procedure. The purpose of this study was to define the range of creatine phosphokinase (CPK) and CPK-MB enzyme elevation after TMR and to assess the incidence of early postoperative ischemic events. **METHODS:** Twenty-one patients undergoing isolated TMR were evaluated for hours after surgery with serial CPK and CPK-MB enzymes and 12-lead electrocardiograms for evidence of myocardial ischemia or injury. Clinically evident postoperative ischemic events including angina pectoris, myocardial infarction (MI), and cardiac death were recorded as well. **RESULTS:** Eleven patients (52.4%) had ischemic electrocardiographic changes in the first 48 hours after TMR. Ischemia was clinically silent in 7 (63.6%) of these 11 patients. Cardiac death occurred in 1 patient (4.8%) as a result of acute MI. Nonfatal MI occurred in an additional 4 patients (19.0%). Of the 5 patients with MI, 4 had angina pectoris versus no angina in the 16 patients without MI ($P = .02$). All patients had elevated CPK and CPK-MB levels after TMR; however, peak CPK ($P = .02$) and CPK-MB ($P = .005$) levels were significantly higher for patients suffering postoperative MI compared with those without MI. **CONCLUSIONS:** Transient ischemia occurs frequently after TMR and is clinically silent in the majority of patients. Patients with postoperative MI are more likely to have symptomatic ischemia as well as significant cardiac enzyme elevation. The combination of 12-lead electrocardiogram and cardiac enzymes appears to have significant merit for the diagnosis of myocardial ischemia and infarction after TMR. These studies should be obtained in all patients undergoing TMR for the first 48 hours after surgery.

PMID: 10347346 [PubMed - indexed for MEDLINE]

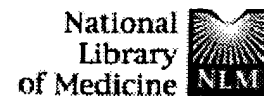
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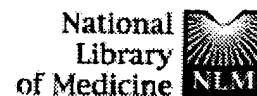
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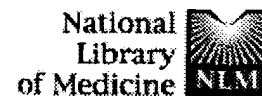
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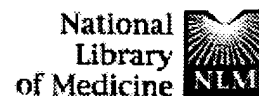


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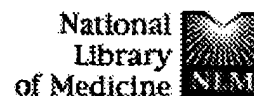
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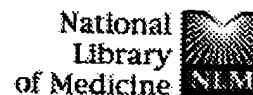
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Myoglobin, creatine kinase-B isoenzyme, and myosin light chain release in patients with unstable angina pectoris.

Hoberg E, Katus HA, Diederich KW, Kubler W.

Abteilung Innere Medizin III (Kardiologie), University of Heidelberg, F.R.G.

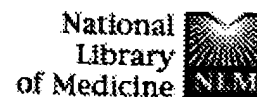
In 27 patients presenting with angina pectoris at rest and normal serum creatine kinase (CK) activity, cardiac myosin light chains (CM-LC), myoglobin (MG), CK-B isoenzyme were determined in 7 serial blood samples by radioimmunoassays. Measurable amounts of CM-LC were found in at least one serum sample in 13 patients. MG was found to be elevated in 9, and CK-B in 8 of these patients. In the 189 serum samples determined, CM-LC were found more frequently elevated (21.7%) than MG (13.2%, P less than 0.05) or CK-B (12.2% less than 0.05). Coronary angiograms were obtained in 21 of the 27 patients. Elevated marker protein concentrations were found only in patients with coronary artery stenosis greater than or equal to 70% of at least one coronary artery. The incidence of elevated serum concentrations of any of the 3 marker proteins determined was higher in patients with 3 vessel disease than in those with 1 or 2 vessel disease (33.9% vs 15.6%, P less than 0.05), and it was higher in patients with a history of previous myocardial infarction than in those without (34.5% vs 11.4%, P less than 0.001). The findings suggest that in a subgroup of patients with angina pectoris at rest but without evidence of acute myocardial infarction, ischaemic damage of small myocardial areas can be detected by serological assays of high sensitivity. Among the marker proteins studied, CM-LC were found to be the most sensitive.

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Semi-automated direct colorimetric measurement of creatine kinase isoenzyme MB activity after extraction from serum by use of a CK-MB-specific monoclonal antibody.

Landt Y, Vaidya HC, Porter SE, Whalen K, McClellan A, Amyx C, Parviri CA, Kessler G, Nahm MH, Dietzler DN.

Department of Pathology, Washington University School of Medicine, St. Louis MO 63110.

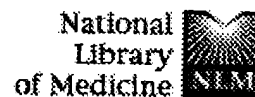
This semi-automated colorimetric assay for the MB isoenzyme of creatine kinase (EC 2.7.3.2) is based on a monoclonal antibody ("Conan-MB") specific for this isoenzyme and is a modification of a previously published method (Vaidya et al; Clin Chem 1986;32:657-63). A 0.64-cm bead coated with 2 to 3 micrograms of antibody is incubated with 100 microL of serum and 10 microL of 0.2 mol/L beta-mercaptoethanol for 1 h at room temperature, to extract CK-MB. The beads are washed with de-ionized water and incubated with CK substrate for 45 min at 37 degrees C. A solution containing trans-1,2-diaminocyclohexane-N,N,N',N'-tetraacetic acid, p-iodonitrotetrazolium violet, and diaphorase is added and the resulting colored product is measured at 492 nm. The standard curve is linear to 200 U of CK-MB per liter, and analytical recovery is 97-113%. Total assay CV at low (9.7 U/L) and high (50.7 U/L) quality-control materials was 14.1% (n = 18) and 11.6% (n = 1842), respectively. CK-MB activity correlated well (r = 0.978, n = 226) with CK-MB measured by a two-site mass immunoassay, and 99.4% of samples with CK-MB greater than or equal to 12 U/L (n = 347) were verified by electrophoresis on agarose.

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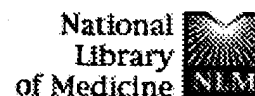
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The effect of established beta-adrenoreceptor-blocking therapy on the release of cytosolic and lysosomal enzymes after acute myocardial infarction in man.

Welman E, Fox KM, Selwyn AP, Carroll BJ.

1. Serial venous blood samples were obtained from 45 patients with acute myocardial infarction. Ten of these patients were receiving beta-adreno-receptor blocking drugs at the time of onset of chest pain and continued on these drugs during their stay in the coronary care unit. The activities of creatine kinase and MB-isoenzyme (CK-MB) were assayed in the plasma. A lysosomal enzyme, b N-acetylglucosaminidase, was also assayed. 2. In the 35 untreated patients it was found that creatine kinase activity was maximal at a mean time of 21.3 +/- 1.3 h after the onset of chest pain, whereas in the patients receiving beta-adrenoreceptor blocking drugs peak activity of the enzyme occurred at 24.4 +/- 0.7 h. 3. Peak MB activity was also delayed from 18.1 +/- 1.6 h in the control group to 22.4 +/- 1.2 h in the treated patients. 4. The lysosomal enzyme showed a similar pattern of changes to that of CK-MB. Maximum activity in plasma occurred at 18.0 +/- 1.2 h after the onset of chest pain in the control group of patients. In the treated patients peak lysosomal enzyme activity was not found until 24.2 +/- 1.2 h. 5. These alterations in the time-course of plasma enzyme changes after acute myocardial infarction are consistent with the suggestion that beta-receptor antagonists may delay tissue damage during myocardial ischaemia.

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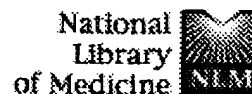
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Treatment of acute myocardial infarction with sodium nitropruss during 24 hours, followed by isosorbide dinitrate.**Durrer JD, Lie KI, van Capelle FJ.**

In a controlled randomized study of 328 consecutive patients admitted within 12 hours after the onset of acute myocardial infarction, 163 patients received a sodium nitroprusside infusion during 24 hours, followed by six times a day 5 mg isosorbide dinitrate for seven days and 165 patients received a glucose 5% infusion. Excluded from the study were patients with either pulmonary edema and/or cardiogenic shock, two or more previous myocardial infarctions or a systolic blood pressure of less than 95 mmHg just before entering the study. Sodium nitroprusside was titrated in such a way that systolic blood pressure was kept between 95 and 105 mmHg. Standard medical treatment for both groups was the same. CK-MB was sampled every four hours until peak value was reached. Endpoint of the study was a significant reduction in mortality within a week after starting treatment.

Publication Types:

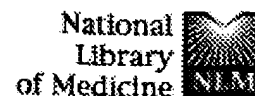
- Clinical Trial
- Randomized Controlled Trial

PMID: 7034472 [PubMed - indexed for MEDLINE]

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Comparison of different pharmacological interventions on enzym parameters during acute myocardial infarction.

Vassanelli C, Menegatti G, Nidasio GP, Franceschini L, Cocco C, Rizzotti

Dipartimento di Cardiologia, Universita di Verona, Italia.

The concept that acute myocardial infarction is a dynamic event and that different interventions can modify the extent of the necrosis, has led to renewed interest in early pharmacological and surgical treatments designed to reduce the ischemic injury. To evaluate the effects of different pharmacological interventions aimed to reduce the extent of necrosis, we studied 166 patients (138 male and 28 female; mean age of 59.4 +/- 11.3 years) admitted within 6 h after chest pain and treated with a single therapy during the first 72 h. Enzymatic infarct size (IS) was calculated by serial creatine kinase isoenzyme MB determinations using a compartmental model. Six groups of patients were evaluated: 33 patients were treated only with antiplatelet drugs, 38 with anticoagulants, 34 with intravenous thrombolytic therapy, 20 with calcium channel blockers, 25 with nitrates, and 25 with beta-blockers. Estimated IS (gEq/m2) and elimination constant (Kd, U/L/h) did not differ in the six groups, but patients treated with streptokinase had high release constant (Ka, U/L/h) and shorter time to peak CK-MB value. Early treatment (less than or equal to 2 h after chest pain) had a favourable effect on enzymatic IS only in patients treated with calcium channel blockers (p less than 0.005).

PMID: 3124977 [PubMed - indexed for MEDLINE]

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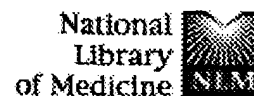
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ECG and enzymatic indicators of therapeutic success after intravenous streptokinase for acute myocardial infarction.

Clemmensen P, Grande P, Pedersen F, Granborg J, Svendsen JH, Madse JK, Haedersdal C, Saunamaki K.

Department of Medicine B, Rigshospitalet, Copenhagen, Denmark.

Thrombolytic therapy has been documented to result in reperfusion of jeopardized myocardium and reduction in the size of the acute myocardial infarction (AMI). The effect of intravenous streptokinase on a creatine kinase-MB (CK-MB) reperfusion index and an ECG estimate of myocardial salvage was therefore studied in 65 patients with a first AMI, randomized to treatment with streptokinase (n = 33) or placebo (control group, n = 32). Reperfusion was defined as a CK-MB appearance rate constant (k1) greater than 0.185. The final AMI size was first predicted from the admission standard ECG by previously developed formulas based on ST segment elevation. The final AMI size was estimated from the QI score on the predischARGE ECG. Myocardial salvage was defined as a greater than or equal to 20% decrease from predicted to final AMI size. The k1 value in the control group was significantly lower than that in the streptokinase group (mean 0.157 versus 0.328; p = 0.0001). Accordingly the reperfusion rate was higher in the streptokinase group than in the control group (88% versus 34%; p = 0.0002). The difference in AMI size (final-predicted) was significantly greater in the streptokinase group than in the control group (median -7% versus +1%; p = 0.0001). Myocardial salvage occurred in 60% and 19%, respectively (p = 0.0001). A significant correlation was found between CK-MB reperfusion and ECG salvage: 19 of 20 streptokinase-treated patients with salvage also had reperfusion. (ABSTRACT TRUNCATED AT 250 WORDS)

Publication Types:

- Clinical Trial
- Randomized Controlled Trial

PMID: 2389686 [PubMed - indexed for MEDLINE]

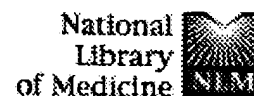
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The effect of intravenous nitroglycerin therapy on infarct size in patients with acute myocardial infarction.

Raos V, Jeren-Strujic B, Ljutic D, Horvatin-Godler S, Straus B.

New Hospital, Zagreb, Croatia.

The authors investigated the influence of glyceryl-trinitrate (NTG) given intravenously to the reduction of infarction size in 95 patients (71 men and 24 women) aged 36 to 75, with acute myocardial infarction (AIM) admitted to the Intensive Care Unit within six hours of the onset of pain. Infarction mass was calculated by mathematical model from the serial changes of CK and CK MB serum activities during 72 hours and expressed in CK and CK MB gEq. CK and CK MB were determined every four hours. The patients were divided into four groups according to the therapy they were receiving: I--NTG i.v. (n = 29); II S NTG i.v. (n = 29); III SK i.v. (n = 17) and IV ISDN per os (n = 20). Each group was divided into subgroups regarding the time interval from the onset of pain to the beginning of the therapy (within three hours and after three hours). Application of NTG i.v. in the early phase of AIM, 0-3 hours from the onset of pain, led to significant reduction of infarction mass CK gEq and CK MB gEq (0-3 hours; middle rank = 11.35; 3-6 hours: middle rank = 17.7) ($P < 0.05$) and 0-3 hours; middle rank = 10.31; 3-6 hours: middle rank = 18.81 ($P < 0.01$). It was established that the "timing" factor was very important in the preservation of myocardial mass in AIM. It affirms the efficacy of NTG i.v., i.e., its direct effects on the coronary arteries and systemic effects that cause salvation of the myocardium. The influence of NTG iv to myocardial infarction size CK gEq did not depend on ECG localization. But it influenced the ECG localization when the infarction size was calculated from CK MB isoenzyme and expressed in CK MB gEq. Infarction size CK MB gEq was statistically significantly smaller in the inferior than in the anterior localization ($P < 0.05$).

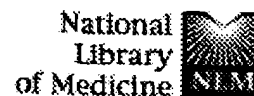
Publication Types:

- Clinical Trial
- Controlled Clinical Trial

PMID: 7633178 [PubMed - indexed for MEDLINE]

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Effect of therapeutic interventions on CK and CK MB serum acti kinetics during acute myocardial infarct.

Raos V, Jeren-Strujic B, Horvatin-Godler S, Ljutic D, Straus B.

Department of Medicine, Dubrava University Hospital, Zagreb, Croatia.

Determination of serum creatine kinase (CK) activity, especially the CK MB, isoenzyme is becoming the main diagnostic criterion for acute myocardial infarction (AMI). The aim of this study was to assess the kinetics of the release CK and CK MB in AMI patients on various therapeutic regimens. The study included 75 AMI patients (within 6 hours from the pain onset). They were divided into three groups according to therapy: 1. NTG i.v. (glyceryl trinitrate, N=29), 2. SK + NTG i.v. (streptokinases + glyceryl trinitrate, N = 29); and 3. SK i.v. (N = 17). Samples for CK and CK MB determination were taken every 4 hours in the course of 72 hours until serum enzyme values returned to normal. The time interval between the introduction of therapy and CK and CK MB peak values expressed in ranks was the shortest in group 3 and longest in group 1. The difference in maximal CK release in to peripheral blood ($\chi^2 = 9.5270$, $p = 0.0180$) was statistically significant, while difference in CK MB was not ($\chi^2 = 2.2733$, $p = 0.2875$) (Kruskal Wallis one way test). Comparing CK release time the CK MB within each group by means of ranks, statistical significance in favour of CK MB (1. NTG i.v. $p = 0.0000$, 2. SK + NTG $p = 0.0001$, 3. SK $p = 0.0180$) was obtained. The rate of CK and CK MB elimination from the circulation, expressed as fractional level of losing k_d , did not statistically differ in the three groups. Our results showed the therapeutic procedures used in the treatment of AMI patients differently influence the CK and CK MB kinetics. Thrombolytic therapy changes the CK and CK MB kinetics, due to reperfusion and explained by the washout phenomenon from the infarcted zone of the myocardium.

PMID: 9115102 [PubMed - indexed for MEDLINE]

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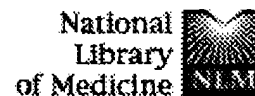
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Creatine kinase MB during myocardial infarction: relationship to preexisting coronary heart disease and medication.

Sax H, Contesse J, Dubach P, Reinhart WH.

Kantonsspital, Chur, Switzerland.

Creatine kinase (CK) and its isoenzyme CK-MB are important tools for the diagnosis of acute myocardial infarction. The content of CK-MB relative to total CK in myocardial cells is variable; it is low in normal myocardium and increases several-fold in hypoxic myocardium. We tested the hypothesis that CK-MB m (CK-MBm) could be related to cardiovascular history, preinfarctional medication and clinical course during myocardial infarction. In a prospective study CK and CK-MBm were measured 0, 6, 12, 18, 24, 36, 48 and 72 h after the admission to the coronary care unit. Peak values and areas under the curve (AUC) were determined and normalized for total CK activity (CK-MBm/CK). Of 185 patients with acute chest pain, 70 patients had 71 acute myocardial infarctions and were enrolled in the study. A history of chronic angina pectoris or hypertension had no influence on CK-MBm/CK levels. In contrast, treatment with beta-blockers before infarction resulted in a lower relative CK-MBm peak value (CK-MBm/CK 6.0 (median value), range 3.1-15.3, versus 7.0, range 0.5-17.3; $p < 0.05$). Other drugs had no influence. Patients with persistent pain on admission tended to have higher relative CK-MBm values (peak CK-MBm/CK: 6.8, range 0.5-17.3, versus 5.3, range 1.4-7.9, $p = 0.08$; AUC CK-MBm/CK: 0.05, range 0.01-0.10, versus 0.03, range 0.01-0.06, $p < 0.05$). Three vessel disease on coronary angiography was associated with higher peak CK-MBm/CK values during the acute phase of myocardial infarction than those with 1-2 vessel disease (Peak CK-MBm/CK: range 5.5-17.3, versus 6.4, range 3.1-10.2, $p < 0.05$; AUC CK-MBm/CK: 0.06, range 0.02-0.11, versus 0.04, range 0.02-0.07, $p < 0.05$). We conclude that relative CK-MBm/CK levels reflect to a certain degree the extent of the coronary disease and that preinfarctional beta-blockade may result in lower CK-MBm levels.

PMID: 9428940 [PubMed - indexed for MEDLINE]

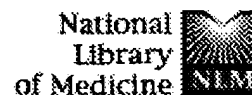
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Hepatocyte growth factor(HGF): a new biochemical marker for acute myocardial infarction.

Sato T, Yoshinouchi T, Sakamoto T, Fujieda H, Murao S, Sato H, Kobaya H, Ohe T.

Department of Cardiovascular Medicine, Matsuyama Shimin Hospital, Matsuy City, Ehime, Japan.

The purpose of this study was to investigate the use of hepatocyte growth factor as a biochemical marker for acute myocardial infarction. Several biochemical markers are used for noninvasive detection of acute myocardial infarction. However, hepatocyte growth factor has not been used previously for this purpose. We measured hepatocyte growth factor, creatine phosphokinase, and MB isoenzyme (CK-MB) levels in 6 patients with stable effort angina after diagnostic catheterization (controls) and in 12 patients with acute myocardial infarction (AMI). The measurements in the AMI patients were recorded twice a day for the first 3 days after onset of chest pain and once a day for the next 4 days. Furthermore, in each patient we evaluated the time to reach the maximum level and the time for the level to decline to less than half the maximum. Hepatocyte growth factor levels (ng/ml) were 0.3 ± 0.1 for angina pectoris patients, and 15.7 ± 9.1 within 6h and 12.5 ± 4.6 within 12h after the onset for AMI patients respectively. The correlation coefficients between hepatocyte growth factor and creatine phosphokinase and between hepatocyte growth factor and CK-MB were 0.68 and 0.74, respectively. The time to reach the maximum (h) and the time to decline to less than half of the maximum level (days) were 6.6 ± 2.6 and 1.2 ± 0.4 for hepatocyte growth factor, 19.4 ± 8.7 and 2.5 ± 1.4 for creatine phosphokinase and 16.6 ± 7.7 and 1.5 ± 0.4 for CK-MB, respectively. Hepatocyte growth factor is useful as a prognostic indicator and reflects the clinical course in patients with acute myocardial infarction.

PMID: 9846810 [PubMed - indexed for MEDLINE]

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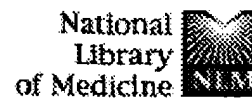
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Biochemical markers of cardiac damage: from traditional enzymes to cardiac-specific proteins. IFCC Subcommittee on Standardization of Cardiac Markers (S-SCM).

Wu AH.

Department of Pathology, Hartford Hospital, CT 06102, USA. awu@harthosp.

Measurement of cardiac markers in blood has been the mainstay for diagnosis acute myocardial infarction for nearly 50 years. The field has evolved from measurement of enzyme activity to mass concentrations of proteins using automated non-isotopic immunoassays. With changing clinical practices, cardiac markers are now needed to detect the presence of minor myocardial infarction patients with unstable angina. Outcome studies have shown that patients with increased troponin are at high short-term risk for death and AMI. Recent developments involve the use of cardiac markers to select the most appropriate therapy for patients with acute coronary syndromes. The success of new cardiac markers such as troponin is due to their high cardiac specificity and the existence of assays with low detection limits. Traditional enzymes such as CK and CK-M are thought to be released only in situations of irreversible myocardial necrosis; in the case of cardiac troponin, clinical observations and animal studies suggest that cytosolic free troponin may be released in reversible ischemia in addition to irreversible cell damage. The IFCC S-SCM has recommended use of two cut-off concentrations for cardiac troponin to differentiate normal from minor myocardial injury and AMI. A low cut-off may detect reversible ischemic events in some cases.

Publication Types:

- Consensus Development Conference
- Review

PMID: 10389205 [PubMed - indexed for MEDLINE]

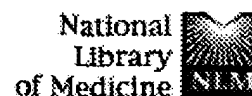
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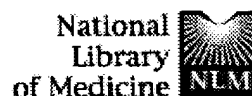
[Usefulness of creatine phosphokinase isoenzyme, CK-MB, in the diagnosis of myocardial necrosis (author's transl)]

[Article in Spanish]

Fiol Sala M, Fuentespina Vidal E, Abizanda Campos R, Ibanez Juve J, M Milla P, Abadal Centellas JM, Coll Solivellas R, Perello J, Garcia Moris S

With the objective of evaluating the clinical usefulness of a new immunologic method (Merck-1-Test CK-MB), in the determination of the CK-MB activity, patients admitted to the Coronary Unit for angina pectoris were studied. Samples of blood were gathered upon admission and every 4 hours for 48-72 hours, determining in each one of them the total CPK, SGOT, LDH, and CK-MB; electrocardiograms (ECG) were taken and all possible causes for the increase in the enzymatic activity were recorded. Results were analyzed in order to study the following aspects: in the patients in which an acute myocardial infarction was diagnosed the CK-MB activity was studied, also the relation of CK-MB to the remaining parameters, each parameter's sensitivity and specificity and the relationship of the CK-MB to the prognosis of the patients. The usefulness of CK-MB in the differential diagnosis of myocardial necrosis and variations in the total CPK curve in the clinical course of acute myocardial infarction unrelated to myocardial necrosis were evaluated too. The following conclusions were drawn from the analysis of the data. The immunological method has the advantages of sensitivity and easily and quickly performance (15 minutes), but it has the disadvantage that it detects CK-BB (elevated in cerebrovascular disorders). Two four hours after the onset of symptoms, the negativity of CK-MB does not exclude the diagnosis of a myocardial necrosis. CK-MB is more sensitive than total CPK diagnosing the extent of the area of necrosis. CK-MB is very specific for myocardial necrosis but less sensitive than other parameters. A positive CK-MB upon the patient's admission confirmed the diagnosis of necrosis in 60 percent of the cases, but in 18 percent error was induced because of false positives. CK-MB permitted confirmations of the diagnosis of myocardial infarction in 33 percent of cases in which there was only a suggestion of necrosis by the ECG. The variation in the curve of total CPK in the course of an acute myocardial infarction is subjected to such a great number of factors intercurrent with time, that caution should be exercised in trying to relate a specific elevation of total CPK to an unsuccessful maneuver or to a possible extension of the area of necrosis.

PMID: 529861 [PubMed - indexed for MEDLINE]



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










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















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




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












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
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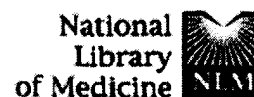
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






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
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













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











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
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TI Tirofiban, eptifibatide and abciximab in minimizing **CK-MB** release
during Coronary Intervention (TeamTrial).
ADIS TITLE: Abciximab vs eptifibatide vs tirofiban: pharmacodynamics.
Effects on platelet inhibition
In patients undergoing PCI
Preliminary results from the TEAM trial.
AU Sharma S K; Richard M; Kini A S; Suleman J; Perez N; et al.
CS Mount Sinai Hospital, New York, New York, USA.
SO Circulation (Oct 31, 2000), Vol. 102 (Suppl.), pp. 665
DT Study
RE Ischaemic Heart Disease| Antithrombotics
FS Summary
LA English
WC 419

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STN
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- TI Cardiac troponin I for stratification of early outcomes and the efficacy of enoxaparin in unstable **angina**: a TIMI-11B substudy.
ADIS TITLE: Enoxaparin sodium vs heparin: therapeutic use.
Unstable **angina** pectoris
Clinical outcomes in patients with elevated cardiac troponin I levels
TIMI-11B substudy.
- AU Morrow D A; Antman E M; Tanasijevic M; Rifai N; de Lemos J A; et al.
CS Brigham and Women's Hospital, Boston, Massachusetts, USA.
SO Journal of the American College of Cardiology (Nov 15, 2000), Vol. 36, pp. 1812-1817
DT Study
RE Ischaemic Heart Disease| Antithrombotics
FS Summary
LA English
WC 890
- L6 ANSWER 3 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text
STN
AN 2000:22658 ADISCTI
DN 800847067
TI Is abciximab safe and effective in octogenarians?
ADIS TITLE: Abciximab: therapeutic use.
Coronary disorders
In elderly patients undergoing PCI.
AU Tan R; Kamran M; Kini A S; Reich D; Sharma S K.
CS Mount Sinai Medical Center, New York, New York, USA.
SO European Heart Journal (Sep 1, 2000), Vol. 21 (Abstr. Suppl.), pp. 145
DT Study
RE Ischaemic Heart Disease| Antithrombotics
FS Summary
LA English
WC 455
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STN
AN 2000:21096 ADISCTI
DN 800838134
TI Cardioprotective effect of prior beta-blocker **therapy** in reducing creatine kinase-MB elevation after coronary intervention: benefit is extended to improvement in intermediate-term survival.
ADIS TITLE: beta-Adrenoceptor antagonists: therapeutic use.
Coronary disorders
Cardioprotective effects in patients undergoing coronary intervention.
AU Sharma S K; Kini A; Marmur J D; Fuster V.
CS Mount Sinai Hospital, New York, New York, USA.
SO Circulation (Jul 11, 2000), Vol. 102, pp. 166-172
DT Study
RE Ischaemic Heart Disease| Antithrombotics
FS Summary
LA English
WC 860
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STN
AN 2000:18379 ADISCTI
DN 800837550
TI Cardioprotective effects of the Na⁺/H⁺ exchange inhibitor cariporide in patients with acute anterior myocardial infarction undergoing direct PTCA.
ADIS TITLE: Cariporide: therapeutic use.

STN Columbus

Prevention of reperfusion injury
In patients with myocardial infarction undergoing PTCA.

AU Rupprecht H J; vom Dahl J; Terres W; Melchoir Seyfarth K; Richardt G; et al.

CS Johannes Gutenberg-University, Mainz, Germany.

SO Circulation (Jun 27, 2000), Vol. 101, pp. 2902-2908

DT Study

RE Ischaemic Heart Disease

FS Summary

LA English

WC 1080

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AN 2000:14839 ADISCTI

DN 800828443

TI Acute myocardial infarction associated with sildenafil (Viagra) ingestion.
ADIS TITLE: Sildenafil: adverse reactions (serious).
Acute myocardial infarction.

AU Muniz A E; Holstege C P.

CS Medical College of Virginia of Virginia Commonwealth University, Richmond, Virginia, USA.

SO American Journal of Emergency Medicine (May 1, 2000), Vol. 18, pp. 353-355

DT Case

RE Men's Health

FS Summary

LA English

WC 304

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AN 2000:9888 ADISCTI

DN 800825507

TI Geographic variability in outcomes within an international trial of glycoprotein IIb/IIIa inhibition in patients with acute coronary syndromes: results from PURSUIT.
ADIS TITLE: Eptifibatide: therapeutic use.
Coronary disorders
Geographic variability in the PURSUIT trial.

AU Akkerhuis K M; Deckers J W; Boersma E; Harrington R A; PURSUIT Investigators; et al.

CS University Hospital Rotterdam, Rotterdam, The Netherlands.

SO European Heart Journal (Mar 1, 2000), Vol. 21, pp. 371-381

DT Study

RE Ischaemic Heart Disease| Antithrombotics

FS Summary

LA English

WC 1102

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AN 2000:1462 ADISCTI

DN 800812413

TI A double-blind, randomized study of the effect of immediate intravenous nitroglycerin on the incidence of postprocedural chest pain and minor myocardial necrosis after elective coronary stenting.
ADIS TITLE: Nitroglycerin: therapeutic use.
Angina pectoris and minor myocardial necrosis
In patients undergoing elective coronary stenting.

STN Columbus

AU Kurz D J; Naegeli B; Bertel O.
 CS Triemli Hospital, Zurich, Switzerland.
 SO American Heart Journal (Jan 1, 2000), Vol. 139, pp. 35-43
 DT Study
 RE Ischaemic Heart Disease
 FS Summary
 LA English
 WC 682

L6 ANSWER 9 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1999:46906 ADISCTI
 DN 800788314
 TI Long-term oral platelet glycoprotein IIb/IIIa receptor antagonism with
 sibrافiban after acute coronary syndromes: study design of the Sibrافiban
 versus aspirin to Yield Maximum Protection from ischemic Heart events
 post- acute cORoNary sYndromes (SYMPHONY) trial.
 ADIS TITLE: Sibrافiban vs aspirin: therapeutic use.
 Coronary disorders
 The SYMPHONY trial design.
 AU Newby L K; SYMPHONY Steering Committee.
 CS Duke Clinical Research Institute, Durham, North Carolina, USA.
 SO American Heart Journal (Aug 1, 1999), Vol. 138, pp. 210-218
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 697

L6 ANSWER 10 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1999:46605 ADISCTI
 DN 800755518
 TI Invasive compared with non-invasive treatment in unstable
coronary-artery disease: FRISC II prospective randomised multicentre
 study.
 ADIS TITLE: Dalteparin sodium: therapeutic use.
 Coronary disorders
 Invasive vs non-invasive treatment: the FRISC II study.
 AU FRagmin and Fast Revascularisation during InStability in Coronary artery
 disease (FRISC II) Investigators.
 CS University Hospital, Uppsala, Sweden.
 SO Lancet (Aug 28, 1999), Vol. 354, pp. 708-715
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 1087

L6 ANSWER 11 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1999:46604 ADISCTI
 DN 800755517
 TI Long-term low-molecular-mass heparin in unstable **coronary-artery**
disease: FRISC II prospective randomised multicentre study.
 ADIS TITLE: Dalteparin sodium: therapeutic use.
 Coronary disorders
 In patients undergoing non-invasive treatment: The FRISC II study.
 AU FRagmin and Fast Revascularisation during InStability in Coronary artery

STN Columbus

- disease (FRISC II) Investigators.
 CS University Hospital, Uppsala, Sweden.
 SO Lancet (Aug 28, 1999), Vol. 354, pp. 701-707
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 1025
- L6 ANSWER 12 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text
 STN
 AN 1999:44163 ADISCTI
 DN 800786666
 TI New findings from the PURSUIT study.
 ADIS TITLE: Eptifibatide: therapeutic use.
 Coronary disorders
 Association between diagnostic cardiac enzyme levels and clinical outcome
 in patients from the PURSUIT trial.
 AU Simoons M L.
 CS Erasmus University, Rotterdam, The Netherlands.
 SO European Heart Journal Supplements (Aug 1, 1999), Vol. 1 (Suppl. N), pp.
 30-34
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 808
- L6 ANSWER 13 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text
 STN
 AN 1999:42122 ADISCTI
 DN 800783538
 TI Primary coronary angioplasty vs thrombolysis for the management of acute
 myocardial infarction in elderly patients.
 ADIS TITLE: Thrombolytics: therapeutic use.
 Myocardial infarction
 Comparison with primary angioplasty in elderly patients.
 AU Berger A K; Schulman K A; Gersch B J; Pirzada S; Breall J A; et al.
 CS Georgetown University Medical Center, Washington, DC, USA.
 SO Journal of the American Medical Association (Jul 28, 1999), Vol. 282, pp.
 341-348
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 725
- L6 ANSWER 14 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text
 STN
 AN 1998:15498 ADISCTI
 DN 800676490
 TI Randomized, controlled trial of RheothRx (poloxamer 188) in patients with
 suspected acute myocardial infarction.
 ADIS TITLE: Poloxamer 188: therapeutic use.
 Myocardial infarction
 In patients ineligible for thrombolytic **therapy**.
 AU Maynard C; Swenson R; Paris J A; RheothRx in Myocardial Infarction Study
 Group; et al.
 CS University of Washington, Seattle, Washington, USA.

STN Columbus

SO American Heart Journal (May 1, 1998), Vol. 135, pp. 797-804
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 673

L6 ANSWER 15 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1998:7947 ADISCTI
 DN 800658864
 TI One-year mortality after acute myocardial infarction prior to and after
 the implementation of a widespread use of thrombolysis and aspirin:
 experiences from the community of Goteborg, Sweden.
 ADIS TITLE: Aspirin, thrombolytics: therapeutic use.
 Postmyocardial infarction
 In patients treated in 1986-87 vs 1989-90.
 AU Herlitz J; Hartford M; Karlson B W; Dellborg M; Kallstrom G; et al.
 CS Sahlgrenska University Hospital, Goteborg, Sweden.
 SO Cardiology (Jan 1, 1998), Vol. 89, No. 3, pp. 216-221
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 527

L6 ANSWER 16 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1996:24296 ADISCTI
 DN 800415639
 TI Preinfarction **angina** as a predictor of more rapid coronary thrombolysis
 in patients with acute myocardial infarction.
 ADIS TITLE: Duteplase: pharmacodynamics.
 Influence of preinfarction **angina** pectoris on the speed of thrombolysis
 In patients with myocardial infarction.
 AU Andreotti F; Pasceri V; Hackett D R; Davies G J; Haider A W; et al.
 CS Catholic University, Rome, Italy.
 SO New England Journal of Medicine (Jan 4, 1996), Vol. 334, pp. 7-12
 DT Study
 RE Ischaemic Heart Disease
 FS Summary
 LA English
 WC 726

L6 ANSWER 17 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1995:68960 ADISCTI
 DN 800379243
 TI Gender-related differences in reperfusion treatment allocation and outcome
 for acute myocardial infarction.
 ADIS TITLE: Alteplase, streptokinase: therapeutic use.
 Myocardial infarction
 Gender differences in treatment allocation and outcome - comparison with
 PTCA.
 AU Vacek J L; Handlin L R; Rosamond T L; Beauchamp G.
 CS Mid-America Heart Institute and St. Lukes Hospital, Kansas City, Missouri,
 USA.
 SO American Journal of Cardiology (Aug 1, 1995), Vol. 76, pp. 226-229
 DT Study

STN Columbus

RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 510

L6 ANSWER 18 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1995:51102 ADISCTI
 DN 800399836
 TI Effect of the initial bolus volume of recombinant tissue-type plasminogen activator on coronary recanalization and infarct size in Japanese acute myocardial infarction patients.
 ADIS TITLE: Alteplase: therapeutic use.
 Myocardial infarction
 Influence of initial bolus volume on drug efficacy.
 AU Ogawa H; Yasue H; Oshima S; KUMIS Group; et al.
 CS Kumamoto University School of Medicine, Kumamoto City, Japan.
 SO Japanese Circulation Journal (English Edition) (Oct 1, 1995), Vol. 59, pp. 663-672
 DT Study
 RE Ischaemic Heart Disease| Antithrombotics
 FS Summary
 LA English
 WC 572

L6 ANSWER 19 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1995:21147 ADISCTI
 DN 800408867
 TI Effects of acadesine on the incidence of myocardial infarction and adverse cardiac outcomes after coronary artery bypass graft surgery.
 ADIS TITLE: Acadesine: therapeutic use.
 Prevention of myocardial infarction
 In patients undergoing CABG.
 AU Multicenter Study of Perioperative Ischemia (McSPI) Research Group.
 CS University of California, San Francisco, California, USA.
 SO Anesthesiology (Oct 1, 1995), Vol. 83, pp. 658-673
 DT Study
 RE Ischaemic Heart Disease
 FS Summary
 LA English
 WC 631

L6 ANSWER 20 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN
 AN 1995:3998 ADISCTI
 DN 800347398
 TI Effect of peri-operative diltiazem on myocardial ischaemia and function in patients receiving mammary artery grafts.
 ADIS TITLE: Diltiazem vs nitroglycerin: pharmacodynamics.
 Anti-ischaemic, antiarrhythmic and inotropic effects
 In patients undergoing CABG.
 AU Hannes W; Seitelberger R; Christoph M; Keilich M; Kulinna C; et al.
 CS University of Freiburg, Freiburg, Germany.
 SO European Heart Journal (Jan 1, 1995), Vol. 16, pp. 87-93
 DT Study
 RE Ischaemic Heart Disease
 FS Summary
 LA English

STN Columbus

WC 522

L6 ANSWER 21 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN

AN 1994:69679 ADISCTI

DN 800307576

TI Effects of diltiazem on perioperative ischemia, arrhythmias, and
myocardial function in patients undergoing elective coronary bypass
grafting.

ADIS TITLE: Diltiazem vs nitroglycerin: pharmacodynamics.

Effects on arrhythmias and myocardial ischaemia and function

In patients undergoing CABG.

AU Seitelberger R; Hannes W; Gleichauf M; Keilich M; Cristoph M; et al.

CS University of Freiberg, Freiberg, Germany.

SO Drugs of Today (Jan 1, 1994), Vol. 30 (Suppl. A), pp. 11-23

DT Study

RE Arrhythmias| Ischaemic Heart Disease

FS Summary

LA English

WC 960

L6 ANSWER 22 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN

AN 1994:65176 ADISCTI

DN 800276034

TI Significant reduction of ventricular arrhythmias and necrosis markers by
perioperative diltiazem administration in coronary artery bypass grafting.

ADIS TITLE: Diltiazem vs nitroglycerin: therapeutic use.

Prevention of postoperative ventricular arrhythmias

In patients undergoing coronary artery bypass surgery.

AU El Sadek M; Krause E; Matheis G; Sarai K; Satter P.

CS University of Frankfurt/Main, Frankfurt/Main, Germany.

SO Herz/Kreislauf (May 1, 1994), Vol. 26, pp. 169-173

DT Study

RE Arrhythmias

FS Summary

LA German

WC 422

L6 ANSWER 23 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN

AN 1994:64006 ADISCTI

DN 807050498

TI Effects of diltiazem on perioperative ischemia, arrhythmias, and
myocardial function in patients undergoing elective coronary bypass
grafting.

ADIS TITLE: Diltiazem vs nitroglycerin: pharmacodynamics.

Postoperative anti-ischaemic, antiarrhythmic and inotropic effects

In patients after coronary artery bypass grafting.

AU Seitelberger R; Hannes W; Gleichauf M; Keilich M; Cristoph M; et al.

CS University of Freiburg, Freiburg, Germany.

SO Journal of Thoracic and Cardiovascular Surgery (Mar 1, 1994), Vol. 107,
pp. 811-821

DT Study

RE Arrhythmias| Ischaemic Heart Disease

FS Summary

LA English

WC 707

STN Columbus

L6 ANSWER 24 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN

AN 1993:19191 ADISCTI

DN 800192022

TI Minimizing the risk of inappropriately administering thrombolytic
therapy (Thrombolysis and Angioplasty in Myocardial Infarction [TAMI]
Study Group).

ADIS TITLE: Alteplase, urokinase: therapeutic use.

Suspected myocardial infarction

Characteristics and outcomes of misdiagnosed patients.

AU Chapman G D; Ohman E M; Topol E J; Candela R J; Kereiakes D J; et al.

CS Duke University Medical Center, Durham, North Carolina, USA.

SO American Journal of Cardiology (Apr 1, 1993), Vol. 71, pp. 783-787

DT Study

RE Ischaemic Heart Disease| Antithrombotics

FS Summary

LA English

WC 479

L6 ANSWER 25 OF 279 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
Full Text

STN

AN 1993:5828 ADISCTI

DN 800216479

TI Randomized trial of direct coronary angioplasty versus intravenous
streptokinase in acute myocardial infarction.

ADIS TITLE: Streptokinase: therapeutic use.

Acute myocardial infarction

Compared with angioplasty.

AU Ribeiro E E; Silva L A; Carneiro R; D'Oliveira L G; Gasquez A; et al.

CS Unitor Hospital, Sao Paulo, Brazil; Cleveland Clinic Foundation,
Cleveland, Ohio, USA.

SO Journal of the American College of Cardiology (Aug 1, 1993), Vol. 22, pp.
376-380

DT Study

RE Ischaemic Heart Disease| Antithrombotics

FS Summary

LA English

WC 407

L6 ANSWER 26 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 2001:113116 BIOSIS

DN PREV200100113116

TI Serum levels of vascular endothelial growth factor in patients with
angina pectoris and acute myocardial infarction.

AU Yin Ruixing [Reprint author]; Feng Jianzhang; Chen Danhong; Wu Handong

CS Department of Cardiology, Institute of Cardiovascular Diseases, Guangxi
Medical University, Nanning, 530021, China

SO Chinese Medical Sciences Journal, (December, 2000) Vol. 15, No. 4, pp.
205-209. print.

ISSN: 1001-9294.

DT Article

LA English

ED Entered STN: 7 Mar 2001

Last Updated on STN: 15 Feb 2002

L6 ANSWER 27 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

STN Columbus

AN 2000:401146 BIOSIS
 DN PREV200000401146
 TI Method of assessing reperfusion after thrombolytic **therapy**.
 AU Ohman, E. Magnus [Inventor, Reprint author]; Christenson, Robert H.
 [Inventor]; Califf, Robert M. [Inventor]; O'Hanesian, Mary Ann [Inventor];
 Sigmon, Kristina N. [Inventor]
 CS Durham, NC, USA
 ASSIGNEE: Duke University
 PI US 6033364 March 07, 2000
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Mar. 7, 2000) Vol. 1232, No. 1. e-file.
 CODEN: OGUPE7. ISSN: 0098-1133.
 DT Patent
 LA English
 ED Entered STN: 20 Sep 2000
 Last Updated on STN: 8 Jan 2002

L6 ANSWER 28 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 2000:193900 BIOSIS
 DN PREV200000193900
 TI Efficacy of rescue thrombolysis in patients with acute myocardial
 infarction: Preliminary findings.
 AU Sarullo, Filippo Maria; Americo, Luigi; Di Pasquale, Pietro [Reprint
 author]; Castello, Antonio; Mauri, Francesco
 CS Division of Cardiology, "Paolo Borsellino," G.F. Ingrassia Hospital, Via
 Val Platani, 3, 90144, Palermo, Italy
 SO Cardiovascular Drugs and Therapy, (Feb., 2000) Vol. 14, No. 1, pp. 83-89.
 print.
 ISSN: 0920-3206.
 DT Article
 LA English
 ED Entered STN: 17 May 2000
 Last Updated on STN: 4 Jan 2002

L6 ANSWER 29 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 2000:163392 BIOSIS
 DN PREV200000163392
 TI Association between minor elevations of creatine kinase-MB level and
 mortality in patients with acute coronary syndromes without ST-segment
 elevation.
 AU Alexander, John H. [Reprint author]; Sparapani, Rodney A.; Mahaffey,
 Kenneth W.; Deckers, Jaap W.; Newby, L. Kristin; Ohman, E. Magnus;
 Corbalan, Ramon; Chierchia, Sergio L.; Boland, Jean B.; Simoons, Maarten
 L.; Califf, Robert M.; Topol, Eric J.; Harrington, Robert A.
 CS Duke Clinical Research Institute, Durham, NC, 27715, USA
 SO JAMA (Journal of the American Medical Association), (Jan. 19, 2000) Vol.
 283, No. 3, pp. 347-353. print.
 CODEN: JAMAAP. ISSN: 0098-7484.
 DT Article
 LA English
 ED Entered STN: 26 Apr 2000
 Last Updated on STN: 4 Jan 2002

L6 ANSWER 30 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 2000:116381 BIOSIS
 DN PREV200000116381

STN Columbus

TI Comparison of biochemical markers for the detection of minimal myocardial injury: Superior sensitivity of cardiac troponin - T ELISA.
 AU Lang, K. [Reprint author]; Boerner, A.; Figulla, H. R.
 CS Klinik fuer Innere Medizin III, Friedrich-Schiller-Universitaet Jena, Erlanger Allee 101, 07747, Jena, Germany
 SO Journal of Internal Medicine, (Jan., 2000) Vol. 247, No. 1, pp. 119-123. print.
 CODEN: JINMEO. ISSN: 0954-6820.
 DT Article
 LA English
 ED Entered STN: 29 Mar 2000
 Last Updated on STN: 3 Jan 2002

L6 ANSWER 31 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 2000:5264 BIOSIS
 DN PREV200000005264
 TI Cardiac markers for non-invasive prediction of coronary reperfusion in myocardial infarction: Including data from the I.S.A.M. study.
 AU Walter, Sabine; Carlsson, Joerg; Schroeder, Rolf; Neuhaus, Karl-Ludwig; Sorges, Eckhardt; Tebbe, Ulrich [Reprint author]
 CS Medizinische Klinik II, Klinikum Lippe-Detmold, Roentgenstrasse 18, D-32756, Detmold, Germany
 SO Herz, (Oct., 1999) Vol. 24, No. 6, pp. 430-439. print.
 ISSN: 0340-9937.
 DT Article
 LA German
 ED Entered STN: 23 Dec 1999
 Last Updated on STN: 31 Dec 2001

L6 ANSWER 32 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1999:487048 BIOSIS
 DN PREV199900487048
 TI Creatine kinase-MB elevation after coronary intervention correlates with diffuse atherosclerosis, and low-to-medium level elevation has a benign clinical course: Implications for early discharge after coronary intervention.
 AU Kini, Annapoorna; Marmur, Jonathan D.; Kini, Subhash; Dangas, George; Cocke, Thomas P.; Wallenstein, Sylvan; Brown, Eppie; Ambrose, John A.; Sharma, Samin K. [Reprint author]
 CS Mount Sinai Hospital, One Gustave L. Levy Place, New York, NY, 10029-6574, USA
 SO Journal of the American College of Cardiology, (Sept., 1999) Vol. 34, No. 3, pp. 663-671. print.
 CODEN: JACCDI. ISSN: 0735-1097.
 DT Article
 LA English
 ED Entered STN: 16 Nov 1999
 Last Updated on STN: 16 Nov 1999

L6 ANSWER 33 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1999:419321 BIOSIS
 DN PREV199900419321
 TI Risk stratifying acute coronary syndromes: Gradient of risk and benefit.
 AU Hamm, Christian W. [Reprint author]
 CS Kerckhoff Clinic and Max-Planck Institute, Benekestrasse 2-8, 61231, Bad Nauheim, Germany

STN Columbus

SO American Heart Journal, (July, 1999) Vol. 138, No. 1 PART 2, pp. S6-S11.
print.
CODEN: AHJOA2. ISSN: 0002-8703.

DT Article
LA English
ED Entered STN: 18 Oct 1999
Last Updated on STN: 18 Oct 1999

L6 ANSWER 34 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN

AN 1999:321689 BIOSIS
DN PREV199900321689
TI Biochemical markers of cardiac damage: From traditional enzymes to
cardiac-specific proteins.
AU Wu, Alan H.B. [Reprint author]
CS Department of Pathology, Hartford Hospital, 80 Seymour St., Hartford, CT,
06102, USA
SO Scandinavian Journal of Clinical and Laboratory Investigation, (1999) Vol.
59, No. SUPPL. 230, pp. 74-82. print.
CODEN: SJCLAY. ISSN: 0036-5513.

DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 24 Aug 1999
Last Updated on STN: 24 Aug 1999

L6 ANSWER 35 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN

AN 1999:266008 BIOSIS
DN PREV199900266008
TI Elevated cardiac troponin I predicts a high-risk angiographic anatomy of
the culprit lesion in unstable **angina**.
AU Benamer, Hakim [Reprint author]; Steg, Philippe Gabriel; Benessiano,
Joelle; Vicaut, Eric; Gaultier, Cedric J.; Aubry, Pierre; Boudvillain,
Olivier; Sarfati, Laurent; Brochet, Eric; Feldman, Laurent J.; Himbert,
Dominique; Juliard, Jean-Michel; Assayag, Patrick
CS Service de Cardiologie, Hopital Bichat, 46 Rue Henri Huchard, 75877, Paris
Cedex 18, France
SO American Heart Journal, (May, 1999) Vol. 137, No. 5, pp. 815-820. print.
CODEN: AHJOA2. ISSN: 0002-8703.

DT Article
LA English
ED Entered STN: 15 Jul 1999
Last Updated on STN: 15 Jul 1999

L6 ANSWER 36 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN

AN 1999:206350 BIOSIS
DN PREV199900206350
TI Diagnostic Marker Cooperative Study for the diagnosis of myocardial
infarction.
AU Zimmerman, Janice; Fromm, Robert; Meyer, Denise; Boudreaux, Ann; Wun,
Chuan-Chuan C.; Smalling, Richard; Davis, Barry; Habib, Gabriel; Roberts,
Robert [Reprint author]
CS Department of Medicine, Section of Cardiology, Baylor College of Medicine,
6550 Fannin, MS SM677, Houston, TX, 77030, USA
SO Circulation, (April 6, 1999) Vol. 99, No. 13, pp. 1671-1677. print.
CODEN: CIRCAZ. ISSN: 0009-7322.

DT Article

STN Columbus

LA English
ED Entered STN: 26 May 1999
Last Updated on STN: 26 May 1999

L6 ANSWER 37 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

Full Text

STN
AN 1999:37808 BIOSIS
DN PREV199900037808
TI Troponin T or troponin I or **CK-MB** (or none?).
AU Collinson, P. O. [Reprint author]
CS Dep. Chem. Pathol., Mayday Univ. Hosp., London Rd., Thornton Heath, Surrey
CR7 7YE, UK
SO European Heart Journal, (Nov., 1998) Vol. 19, No. SUPPL. N, pp. N16-N24.
print.
CODEN: EHJODF. ISSN: 0195-668X.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 3 Feb 1999
Last Updated on STN: 3 Feb 1999

L6 ANSWER 38 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

Full Text

STN
AN 1998:456274 BIOSIS
DN PREV199800456274
TI Specificity of cardiac troponins I and T in renal disease.
AU Willging, Stefan [Reprint author]; Keller, Frieder [Reprint author];
Steinbach, Gerald
CS Sektion Nephrologie, Abteilung Innere Medizin II, Ulm, Germany
SO Clinical Chemistry and Laboratory Medicine, (Feb., 1998) Vol. 36, No. 2,
pp. 87-92. print.
ISSN: 1434-6621.
DT Article
LA English
ED Entered STN: 21 Oct 1998
Last Updated on STN: 21 Oct 1998

L6 ANSWER 39 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

Full Text

STN
AN 1998:444652 BIOSIS
DN PREV199800444652
TI Serial measurements of cardiac markers to rule in or out acute myocardial
damage less than 3 h after admission in acute chest pain patients without
ECG-signs of acute myocardial infarction.
AU Stokke, M. [Reprint author]; Gronvold, T.; Siebke, A. M.; Skjaeggstad,
O.; Stromme, J. H.
CS Clin. Chem. Dep., Ullevaal Univ. Hosp., N-0407 Oslo, Norway.
SO Scandinavian Journal of Clinical and Laboratory Investigation, (July,
1998) Vol. 58, No. 4, pp. 331-338. print.
CODEN: SJCLAY. ISSN: 0036-5513.
DT Article
LA English
ED Entered STN: 21 Oct 1998
Last Updated on STN: 21 Oct 1998

L6 ANSWER 40 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on

Full Text

STN
AN 1998:429817 BIOSIS

STN Columbus

DN PREV199800429817
 TI Biochemical markers of the acute coronary syndromes.
 AU Christenson, Robert H. [Reprint author]; Azzazy, Hassan M. E.
 CS Clin. Pathol., Univ. Maryland Med. Cent., 22 S. Greene St., Baltimore, MD 21201, USA
 SO Clinical Chemistry, (Aug., 1998) Vol. 44, No. 8 PART 2, pp. 1855-1864. print.
 CODEN: CLCHAU. ISSN: 0009-9147.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 7 Oct 1998
 Last Updated on STN: 5 Nov 1998

L6 ANSWER 41 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1998:207518 BIOSIS
 DN PREV199800207518
 TI Laboratory based stepwise diagnosis and risk stratification of acute coronary syndrome in the clinical routine (NOWIS).
 AU Stoerk, T. [Reprint author]; Moeckel, M.
 CS Innere Klin. II Kardiolog. Angiol. und Intensivmed., Karl-Olga-Krankenhaus, Schwarenbachstr. 70, 70190 Stuttgart, Germany
 SO Intensivmedizin und Notfallmedizin, (Feb., 1998) Vol. 35, No. 1, pp. 42-49. print.
 ISSN: 0175-3851.
 DT Article
 LA German
 ED Entered STN: 11 May 1998
 Last Updated on STN: 11 May 1998

L6 ANSWER 42 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1997:435247 BIOSIS
 DN PREV199799734450
 TI Increased neopterin in patients with chronic and acute coronary syndromes.
 AU Schumacher, Martin [Reprint author]; Halwachs, Gabriele; Tatzber, Franz; Fruhwald, Friedrich M.; Zweiker, Robert; Watzinger, Norbert; Eber, Bernd; Wilders-Truschnig, Martie; Esterbauer, Hermann; Klein, Werner
 CS Div. Cardiol., Dep. Intern. Med., Karl-Franzens-Univ., Auenbruggerplatz 15, A-8036 Graz, Austria
 SO Journal of the American College of Cardiology, (1997) Vol. 30, No. 3, pp. 703-707.
 CODEN: JACCDI. ISSN: 0735-1097.
 DT Article
 LA English
 ED Entered STN: 8 Oct 1997
 Last Updated on STN: 8 Oct 1997

L6 ANSWER 43 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1997:341393 BIOSIS
 DN PREV199799640596
 TI Use of cardiac markers as assessed by outcomes analysis.
 AU Wu, Alan H. B.
 CS Dep. Pathol., Div. Clin. Chem., Hartford Hosp., 80 Seymour St., Hartford, CT 06102, USA
 SO Clinical Biochemistry, (1997) Vol. 30, No. 4, pp. 339-350.
 CODEN: CLBIAS. ISSN: 0009-9120.

STN Columbus

DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 11 Aug 1997
Last Updated on STN: 11 Aug 1997

L6 ANSWER 44 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
AN 1997:255029 BIOSIS
DN PREV199799554232
TI Effect of therapeutic interventions on CK and CK MB serum activity kinetics during acute myocardial infarct.
AU Raos, Vjekoslava [Reprint author]; Jeren-Strujic, Branka; Horvatin-Godler, Srnka; Ljutic, Dragan; Straus, Bozidar
CS Dep. Med., Dubrava Univ. Hosp., Aleja izvidaca 6, 10000 Zagreb, Croatia
SO Acta Medica Croatica, (1997) Vol. 51, No. 1, pp. 41-48.
ISSN: 1330-0164.
DT Article
LA English
ED Entered STN: 13 Jun 1997
Last Updated on STN: 13 Jun 1997

L6 ANSWER 45 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
AN 1997:200613 BIOSIS
DN PREV199799499816
TI Clinical applicability of creatine kinase MB mass and the electrocardiogram versus conventional cardiac enzymes in the diagnosis of acute myocardial infarction.
AU Vikenes, Kjell [Reprint author]; Von Der Lippe, Gerhard; Farstad, Mikael; Nordrehaug, Jan Erik
CS Dep. Heart Dis., Haukeland Univ. Hosp., N-5021 Bergen, Norway
SO International Journal of Cardiology, (1997) Vol. 59, No. 1, pp. 11-20.
CODEN: IJCDD5. ISSN: 0167-5273.
DT Article
LA English
ED Entered STN: 12 May 1997
Last Updated on STN: 2 Jun 1997

L6 ANSWER 46 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
AN 1996:72633 BIOSIS
DN PREV199698644768
TI Cardiac troponin T immunoassay on biotin-streptavidin-coated microplates: Preliminary performance in acute myocardial infarction.
AU Hetland, O. [Reprint author]; Goransson, L.; Nilsen, D. W. T.
CS Dep. Clin. Chem., Rogaland Central Hosp., 4011 Stavanger, Norway
SO Scandinavian Journal of Clinical and Laboratory Investigation, (1995) Vol. 55, No. 8, pp. 701-713.
CODEN: SJCLAY. ISSN: 0036-5513.
DT Article
LA English
ED Entered STN: 27 Feb 1996
Last Updated on STN: 10 Jun 1997

L6 ANSWER 47 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
AN 1994:221941 BIOSIS

STN Columbus

DN PREV199497234941
 TI Fatty-acid-binding protein as a plasma marker for the estimation of **myocardial infarct** size in humans.
 AU Glatz, Jan F. C. [Reprint author]; Kleine, Appie H.; Van Nieuwenhoven, Frans A.; Hermens, Wim T.; Van Dieijen-Visser, Marja P.; Van Der Vusse, Ger J.
 CS Dep. Physiol., CARIM, Univ. Limburg, P.O. Box 616, NL-6200 MD Maastricht, Netherlands
 SO British Heart Journal, (1994) Vol. 71, No. 2, pp. 135-140.
 CODEN: BHJUAV. ISSN: 0007-0769.
 DT Article
 LA English
 ED Entered STN: 24 May 1994
 Last Updated on STN: 24 May 1994

L6 ANSWER 48 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on Full Text

STN

AN 1994:105812 BIOSIS
 DN PREV199497118812
 TI Cardiac troponin T and **CK-MB** mass release after visually successful percutaneous transluminal coronary angioplasty in stable **angina pectoris**.
 AU Ravkilde, Jan [Reprint author]; Nissen, Henrik; Mickley, Hans; Andersen, Poul Erik; Thayssen, Per; Horder, Mogen
 CS Dep. Med.-Cardiol. A, Aarhus Univ. Hosp., Aarhus Amtssygehus, Tage Hansensgade 2, DK-8000 Aarhus C, Denmark
 SO American Heart Journal, (1994) Vol. 127, No. 1, pp. 13-20.
 CODEN: AHJOA2. ISSN: 0002-8703.
 DT Article
 LA English
 ED Entered STN: 14 Mar 1994
 Last Updated on STN: 15 Mar 1994

L6 ANSWER 49 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on Full Text

STN

AN 1994:37367 BIOSIS
 DN PREV199497050367
 TI Safety of continuous nebulized albuterol for bronchospasm in infants and children.
 AU Katz, Robert W. [Reprint author]; Kelly, H. William; Crowley, Mark R.; Grad, Roni; McWilliams, Bennie C.; Murphy, Shirley J.
 CS Ambulatory Care Cent., 3rd Floor, 2211 Lomas Blvd. NE, Albuquerque, NM 87131-5311, USA
 SO Pediatrics, (1993) Vol. 92, No. 5, pp. 666-669.
 CODEN: PEDIAU. ISSN: 0031-4005.
 DT Article
 LA English
 ED Entered STN: 27 Jan 1994
 Last Updated on STN: 25 Mar 1994

L6 ANSWER 50 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on Full Text

STN

AN 1993:451482 BIOSIS
 DN PREV199396096382
 TI Early diagnosis of acute myocardial infarction with use of a rapid immunochemical assay of creatine kinase MB isoenzyme.
 AU Collins, David R. [Reprint author]; Wright, Dennis J.; Rinsler, Michael G.; Thomas, Phillip; Bhattacharya, Schoumo; Raftery, Edward B.
 CS Dep. Clin. Chem., Northwick Park Hosp., Watford Rd., Harrow, Middlesex HA1 3UJ, UK

STN Columbus

SO Clinical Chemistry, (1993) Vol. 39, No. 8, pp. 1725-1728.
 CODEN: CLCHAU. ISSN: 0009-9147.
 DT Article
 LA English
 ED Entered STN: 5 Oct 1993
 Last Updated on STN: 6 Oct 1993

L6 ANSWER 51 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1992:344555 BIOSIS
 DN PREV199294036780; BA94:36780
 TI DETERMINANTS OF ELEVATED CREATINE KINASE ACTIVITY AND CREATINE KINASE MB
 FRACTION FOLLOWING CARDIOPULMONARY RESUSCITATION.
 AU MATTANA J [Reprint author]; SINGHAL P C
 CS NEPHROLOGY DIVISION, LONG ISLAND JEWISH MEDICAL CENTER, NEW HYDE PARK, NY
 11042, USA
 SO Chest, (1992) Vol. 101, No. 5, pp. 1386-1392.
 CODEN: CHETBF. ISSN: 0012-3692.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 29 Jul 1992
 Last Updated on STN: 10 Sep 1992

L6 ANSWER 52 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1992:115837 BIOSIS
 DN PREV199293061637; BA93:61637
 TI EARLY DETECTION OF ACUTE MYOCARDIAL INFARCTION BY MEASUREMENT OF MASS
 CONCENTRATION OF CREATINE KINASE-MB.
 AU MAIR J [Reprint author]; ARTNER-DWORZAK E; DIENSTL A; LECHLEITNER P;
 MORASS B; SMIDT J; WAGNER I; WETTACH C; PUSCHENDORF B
 CS INST MEDIZIN CHEM BIOCHEM, FRITZ-PREGLSTRASSE 3, A-6020 INNSBRUCK, AUSTRIA
 SO American Journal of Cardiology, (1991) Vol. 68, No. 17, pp. 1545-1550.
 CODEN: AJCDAG. ISSN: 0002-9149.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 1 Mar 1992
 Last Updated on STN: 14 Apr 1992

L6 ANSWER 53 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1992:79113 BIOSIS
 DN PREV199293047568; BA93:47568
 TI CARDIOTOXICITY DURING TREATMENT OF SEVERE CHILDHOOD ASTHMA.
 AU MAGUIRE J F [Reprint author]; O'ROURKE P P; COLAN S D; GEHA R S; CRONE R
 CS PEDIATRIC ASSOCIATES OF FALL RIVER, INC, 300 HANOVER ST, FALL RIVER, MASS
 02720, USA
 SO Pediatrics, (1991) Vol. 88, No. 6, pp. 1180-1186.
 CODEN: PEDIAU. ISSN: 0031-4005.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 2 Feb 1992
 Last Updated on STN: 2 Feb 1992

L6 ANSWER 54 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN Columbus

STN
AN 1991:451898 BIOSIS
DN PREV199192096678; BA92:96678
TI MYOGLOBIN AND LIGHT CHAINS OF MYOSIN PART 5.
AU KOTHE K [Reprint author]; PORSTMANN B; AURISCH R; BUTZECK J; BOHM J;
SCHMECHTA H
CS KARDIOL ABT KLINIK UND POLIKLINIK INNERE MED "THEODOR BRUGSCH" MED FAK,
HUMBOLDT-UNIV BERLIN, SCHUMANNSTR 20/21, BERLIN, O-1040 GERMANY
SO Zeitschrift fuer Klinische Medizin (Berlin), (1991) Vol. 46, No. 15, pp.
1127-1129.
CODEN: ZKMEEF. ISSN: 0233-1608.
DT Article
FS BA
LA GERMAN
ED Entered STN: 11 Oct 1991
Last Updated on STN: 11 Oct 1991

L6 ANSWER 55 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN
AN 1991:21106 BIOSIS
DN PREV199140009436; BR40:9436
TI NON-INVASIVE DETECTION OF REPERFUSION AFTER THROMBOLYSIS USING RAPID
CK-MB ANALYSIS.
AU OHMAN E M [Reprint author]; CHRISTENSON R H; SIGMON K N; FLANAGAN C H;
FRID D J; CALIFF R M
CS TAMI STUDY GROUP, DUKE UNIV MED CENTER, DURHAM, NC, USA
SO Circulation, (1990) Vol. 82, No. 4 SUPPL. 3, pp. III281.
Meeting Info.: 63RD SCIENTIFIC SESSIONS OF THE AMERICAN HEART ASSOCIATION,
DALLAS, TEXAS, USA, NOVEMBER 12-15, 1990. CIRCULATION.
CODEN: CIRCAZ. ISSN: 0009-7322.
DT Conference; (Meeting)
FS BR
LA ENGLISH
ED Entered STN: 11 Dec 1990
Last Updated on STN: 11 Dec 1990

L6 ANSWER 56 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN
AN 1991:1426 BIOSIS
DN PREV199191001426; BA91:1426
TI FINANCIAL IMPACT OF A RAPID **CK-MB**-SPECIFIC IMMUNOASSAY ON THE
DIAGNOSIS OF MYOCARDIAL INFARCTION.
AU APPLE F S [Reprint author]; PREESE L M; RILEY L; GERKEN K L; VAN LENTE F
CS CLIN LAB 812, HENNEPIN COUNTY MED CENT, 701 PARK AVE S, MINNEAPOLIS, MINN
55415, USA
SO Archives of Pathology and Laboratory Medicine, (1990) Vol. 114, No. 10,
pp. 1017-1020.
CODEN: ARPAAQ. ISSN: 0363-0153.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 8 Dec 1990
Last Updated on STN: 8 Dec 1990

L6 ANSWER 57 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text
STN
AN 1990:478374 BIOSIS
DN PREV199090117794; BA90:117794
TI TRANSIENT ELECTROCARDIOGRAPHIC CHANGES SUGGESTING **MYOCARDIAL ISCHEMIA**

STN Columbus

IN NEWBORN INFANTS FOLLOWING TOCOLYSIS WITH BETA-SYMPATHOMIMETICS.
 AU GEMELLI M [Reprint author]; DE LUCA F; MANGANARO R; LEONARDI R; RANDO F;
 AGNETTI A; MAMI C; DI PASQUALE G
 CS INST CLIN PEDIATRICA, POLICLINICO UNIV DI MESSINA, I-98100 MESSINA, ITALY
 SO European Journal of Pediatrics, (1990) Vol. 149, No. 10, pp. 730-733.
 CODEN: EJPEDT. ISSN: 0340-6199.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 25 Oct 1990
 Last Updated on STN: 25 Oct 1990

L6 ANSWER 58 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1990:7611 BIOSIS
 DN PREV199089007611; BA89:7611
 TI INCREASED MORNING INCIDENCE OF MYOCARDIAL INFARCTION IN THE ISAM STUDY
 ABSENCE WITH PRIOR BETA-ADRENERGIC BLOCKADE.
 AU WILLICH S N [Reprint author]; LINDERER T; WEGSCHEIDER K; LEIZOROVICZ A;
 ALAMERCERY I; SCHROEDER R; ISAM STUDY GROUP (W GER)
 CS FREE UNIV BERLIN, DEP MED, KLINIKUM STEGLITZ, HINDENBURGDAMM 30, D-1000
 BERLIN 45, FRG
 SO Circulation, (1989) Vol. 80, No. 4, pp. 853-858.
 CODEN: CIRCAZ. ISSN: 0009-7322.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 5 Dec 1989
 Last Updated on STN: 5 Dec 1989

L6 ANSWER 59 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1988:334398 BIOSIS
 DN PREV198886040949; BA86:40949
 TI ENZYMATIC ESTIMATE OF MYOCARDIAL INFARCT SIZE IN PATIENTS TREATED WITH
 THROMBOLYTIC THERAPY.
 AU MELANDRI G [Reprint author]; TARTAGNI F; BRANZI A; BERARDI C; BRUSCOLI F;
 MONETTI N; MAGNANI B
 CS ISTITUTO DI CARDIOLOGIA, POLICLINICO SANT'ORSOLA, VIA MASSARENTI, 9-40138
 BOLOGNA
 SO Cardiologia (Rome), (1988) Vol. 33, No. 1, pp. 61-67.
 ISSN: 0393-1978.
 DT Article
 FS BA
 LA ITALIAN
 ED Entered STN: 21 Jul 1988
 Last Updated on STN: 21 Jul 1988

L6 ANSWER 60 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN
 AN 1986:342561 BIOSIS
 DN PREV198682056765; BA82:56765
 TI HYALURONIDASE THERAPY FOR ACUTE MYOCARDIAL INFARCTION RESULTS OF A
 RANDOMIZED BLINDED MULTICENTER TRIAL.
 AU MULTICENT INVEST LIMIT INFARCT SIZE STUDY GROUP (USA) [Reprint author]
 CS INQ: JAMES E MULLER, HARVARD MEDICAL SCHOOL, 164 LONGWOOD AVENUE, BOSTON,
 MASSACHUSETTS 02115, USA
 SO American Journal of Cardiology, (1986) Vol. 57, No. 15, pp. 1238-1243.
 CODEN: AJCDAG. ISSN: 0002-9149.

STN Columbus

DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 22 Aug 1986
 Last Updated on STN: 22 Aug 1986

L6 ANSWER 61 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 1986:256349 BIOSIS
 DN PREV198682011098; BA82:11098
 TI LACTATE DEHYDROGENASE ISOENZYME 1-TOTAL RATIO ACCURATE FOR DETERMINING THE
 EXISTENCE OF MYOCARDIAL INFARCTION.
 AU ADAN J [Reprint author]; BERNSTEIN L H; BABB J
 CS DEPARTMENT PATHOLOGY, BRIDGEPORT HOSPITAL, BRIDGEPORT, CONN 06610, USA
 SO Clinical Chemistry, (1986) Vol. 32, No. 4, pp. 624-628.
 CODEN: CLCHAU. ISSN: 0009-9147.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 21 Jun 1986
 Last Updated on STN: 21 Jun 1986

L6 ANSWER 62 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 1979:182492 BIOSIS
 DN PREV197967062492; BA67:62492
 TI THE EFFECT OF ESTABLISHED BETA ADRENO RECEPTOR BLOCKING THERAPY ON THE
 RELEASE OF CYTOSOLIC AND LYSOSOMAL ENZYMES AFTER ACUTE MYO CARDIAL
 INFARCTION IN MAN.
 AU WELMAN E [Reprint author]; FOX K M; SELWYN A P; CARROLL B J
 CS CARDIOVASC RES UNIT, R POSTGRAD MED SCH, DU CANE RD, LONDON W12 0HS, ENGL,
 UK
 SO Clinical Science and Molecular Medicine, (1978) Vol. 55, No. 6, pp.
 549-554.
 CODEN: CSMCA. ISSN: 0301-0538.
 DT Article
 FS BA
 LA ENGLISH

L6 ANSWER 63 OF 279 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
Full Text

STN

AN 1977:208649 BIOSIS
 DN PREV197764031013; BA64:31013
 TI DIAGNOSIS OF MYO CARDIAL INFARCTION BY SERUM ISO ENZYME ANALYSIS.
 AU ROE C R
 SO Annals of Clinical and Laboratory Science, (1977) Vol. 7, No. 3, pp.
 201-209.
 CODEN: ACLSCP. ISSN: 0091-7370.
 DT Article
 FS BA
 LA Unavailable

L6 ANSWER 64 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science
Full Text

B.V. on STN

AN 2000:30815572 BIOTECHNO
 TI Safety and efficacy of rescue thrombolysis in acute myocardial infarction
 LAVORI ORIGINALI: SICUREZZA ED EFFICACIA DELLA TROMBOLISI DI SALVATAGGIO
 PER VIA SISTEMICA NELL'INFARTO MIOCARDICO ACUTO

STN Columbus

AU Sarullo F.M.; Schicchi R.; Schiro M.; Americo L.; Bonni G.; Faraone N.;
Di Pasquale P.; Castello A.; Mauri F.
CS Dr. F.M. Sarullo, Via Salvatore Puglisi, 15, 90143 Palermo, Italy.
E-mail: fsarullo@neomedia.it
SO Italian Heart Journal Supplement, (2000), 1/1 (81-87), 37 reference(s)
CODEN: IHJSAY ISSN: 1129-4728
DT Journal; Article
CY Italy
LA Italian
SL English; Italian

L6 ANSWER 65 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science

Full Text

B.V. on STN
AN 2000:30201353 BIOTECHNO
TI New findings with eptifibatide
AU Harrington R.A.; Vahanian A.
CS Dr. R.A. Harrington, Duke Clinical Research Institute, Duke University
Medical Center, Durham, NC 27710, United States.
SO European Heart Journal, Supplement, (2000), 2/C (C10-C14), 16
reference(s)
CODEN: EHJSFT ISSN: 1520-765X
DT Journal; Conference Article
CY United Kingdom
LA English
SL English

L6 ANSWER 66 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science

Full Text

B.V. on STN
AN 1999:29556477 BIOTECHNO
TI Cardio-specific cardiac troponin I and T - A useful marker in patients
with unstable **angina**?
NEUE HERZMARKER: ROUTINEMASSIGER EINSATZ BEI AKUTEM KORONARSYNDROM?
AU Hossmann V.
CS Dr. V. Hossmann, Medizinische Klinik, Krankenhaus Porz am Rhein, Urbacher
Weg 19, 51149 Koln, Germany.
SO Klinikarzt, (1999), 28/8 (230-234), 17 reference(s)
CODEN: KLINFZ ISSN: 0341-2350
DT Journal; General Review
CY Germany, Federal Republic of
LA German
SL English; German

L6 ANSWER 67 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science

Full Text

B.V. on STN
AN 1998:28524045 BIOTECHNO
TI Troponin T or troponin I or **CK-MB** (or none?)
AU Collinson P.O.
CS Dr. P.O. Collinson, Department of Chemical Pathology, Mayday University
Hospital, London Road, Thornton Heath CR7 7YE, United Kingdom.
SO European Heart Journal, (1998), 19/SUPPL. N (N16-N24), 69 reference(s)
CODEN: EHJODF ISSN: 0195-668X
DT Journal; Conference Article
CY United Kingdom
LA English
SL English

L6 ANSWER 68 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science

Full Text

B.V. on STN

STN Columbus

AN 1997:28127661 BIOTECHNO
 TI Myosin β -heavy chain: A prognostic indicator for the evaluation of
 necrosis extension in myocardial infarction
 AU Bizzaro N.; Milani L.; Finco B.; Brandalise M.; Piovan M.; Sanson A.
 CS Dr. N. Bizzaro, Laboratorio di Patologia Clinica, Ospedale Civile, Via N.
 Sauro 25, 30027 San Dona di Piave, Venice, Italy.
 SO European Journal of Laboratory Medicine, (1997), 5/1 (5-10), 31
 reference(s)
 CODEN: EULMEY ISSN: 1122-8652
 DT Journal; Article
 CY Italy
 LA English
 SL English

L6 ANSWER 69 OF 279 BIOTECHNO COPYRIGHT 2004 Elsevier Science

Full Text

B.V. on STN
 AN 1997:27390430 BIOTECHNO
 TI Recommendations on laboratory testing in acute ischaemic heart diseases
 EMPFEHLUNGEN ZUR LABORATORIUMSDIAGNOSTIK BEI AKUTEN ISCHAMISCHEN
 HERZERKRANKUNGEN
 AU Dati F.; Hanseler E.; Hohnloser S.; Hubl W.; Katz N.; Messinger M.;
 Puschendorf B.; Stein W.
 CS Dr. F. Dati, Deut. Gesellschaft Laboratoriumsmed., Geschäftsstelle,
 Berliner Allee 32, 40212 Dusseldorf, Germany.
 SO Laboratoriums Medizin, (1997), 21/7-8 (402-408), 45 reference(s)
 CODEN: LABOD3 ISSN: 0342-3026
 DT Journal; General Review
 CY Germany, Federal Republic of
 LA German
 SL German; English

L6 ANSWER 70 OF 279 CANCERLIT on STN

Full Text

AN 2000315769 CANCERLIT
 DN 20315769 PubMed ID: 10856869
 TI Inflammatory response and myocardial injury following coronary artery
 bypass grafting with or without cardiopulmonary bypass.
 AU Czerny M; Baumer H; Kilo J; Lassnigg A; Hamwi A; Vukovich T; Wolner E;
 Grimm M
 CS Department of Cardiothoracic Surgery, University of Vienna Medical School,
 AKH Vienna, Währinger Gurtel 18-20, A-1090, Vienna, Austria.
 SO EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, (2000 Jun) 17 (6) 737-42.
 Journal code: 8804069. ISSN: 1010-7940.
 CY ENGLAND: United Kingdom
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 (RANDOMIZED CONTROLLED TRIAL)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2000408946
 EM 200008
 ED Entered STN: 20001012
 Last Updated on STN: 20001012

L6 ANSWER 71 OF 279 CANCERLIT on STN

Full Text

AN 1998700250 CANCERLIT
 DN 98700250
 TI SERUM CARDIAC TROPONIN I (CTNI) FOR DETECTION OF CHEMOTHERAPY---ASSOCIATED
 CARDIOTOXICITY (Meeting abstract).
 AU Morandi P; Ruffini P A; Benvenuto G; Vecchia L L; Bedogni F; Mezzena G;

STN Columbus

Soffiati G; Raimondi R; Rodeghiero F; Fosser V
 CS Dept. of Medical Oncology, Cardiology, Laboratory of Clinical Chemistry,
 Hematology, S. Bortolo Hospital, Vicenza, Italy.
 SO Proc Annu Meet Am Soc Clin Oncol, (1998) 17 A250.
 DT (MEETING ABSTRACTS)
 LA English
 FS Institute for Cell and Developmental Biology
 EM 199910
 ED Entered STN: 20000616
 Last Updated on STN: 20000616

L6 ANSWER 72 OF 279 CANCERLIT on STN

Full Text

AN 96602814 CANCERLIT
 DN 96602814
 TI Myocardial damage in doxorubicin-treated children: A study of serum
 cardiac troponin-T measurements (Meeting abstract).
 AU Ottlinger M E; Sallan S E; Rifai N; Sacks D B; Lipshultz E
 CS Children's Hosp., Dana-Farber Cancer Inst., Boston, MA 02132.
 SO Proc Annu Meet Am Soc Clin Oncol, (1995) 14 A1042.
 ISSN: 0732-183X.
 DT (MEETING ABSTRACTS)
 LA English
 FS Institute for Cell and Developmental Biology
 EM 199604
 ED Entered STN: 19970509
 Last Updated on STN: 19970509

L6 ANSWER 73 OF 279 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text

AN 2000:308323 CAPLUS
 DN 132:317546
 TI New findings with eptifibatide
 AU Harrington, R. A.; Vahanian, A.
 CS Duke Clinical Research Institute, Duke University Medical Center, Durham,
 NC, 27710, USA
 SO European Heart Journal Supplements (2000), 2(Suppl. C), C10-C14
 CODEN: EHJSFT; ISSN: 1520-765X
 PB W. B. Saunders Co. Ltd.
 DT Journal; General Review
 LA English
 RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 74 OF 279 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text

AN 1999:424663 CAPLUS
 DN 131:269056
 TI Biochemical markers of cardiac damage: from traditional enzymes to
 cardiac-specific proteins
 AU Hartford, Seymour St.; Panteghini, M.; Apple, F. S.; Christenson, R. H.;
 Dati, F.; Mair, J.; Wu, A. H. B.
 CS Department of Pathology, Hartford Hospital, Hartford, CT, 06102, USA
 SO Scandinavian Journal of Clinical and Laboratory Investigation, Supplement
 (1999), 59(230, Markers for Cardiac Damage), 74-82
 CODEN: SCLSAH; ISSN: 0085-591X
 PB Scandinavian University Press
 DT Journal; General Review
 LA English
 RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

STN Columbus

L6 ANSWER 75 OF 279 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text

AN 1998:761070 CAPLUS
 DN 130:204830
 TI Recombinant streptokinase in treatment of acute myocardial infarction
 AU Yang, Shengqi; Liu, Shuying
 CS JIning 1st People's Hospital, Jining, 272111, Peop. Rep. China
 SO Shaanxi Yixue Zazhi (1998), 27(7), 428-429
 CODEN: SYZAEL; ISSN: 1000-7377
 PB Shaanxi Yixue Zazhi Bianji Weiyuanhui
 DT Journal
 LA Chinese

L6 ANSWER 76 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1999-14524 DRUGU T
 TI Chronic aspirin intake modifies the presentation of a first acute myocardial infarction. Results of the Augsburg Myocardial Infarction Register 1985-1994.
 AU Koenig W; Muehlberger N; Hoermann A; Holle R; Loewel H
 CS Univ.Ulm; MEDIS-Inst.
 LO Ulm; Nuremberg, Ger.
 SO Circulation (98, No. 17, Suppl., I562, 1998)
 CODEN: CIRCAZ ISSN: 0009-7322
 AV Univ of Ulm Med Ctr, Ulm, Germany.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L6 ANSWER 77 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1998-06431 DRUGU P
 TI Platelet receptor GPIIaIIIb antagonist reduces transient ischemia during rotational atherectomy.
 AU Koch K C; Kleinhans E; Ninnemann S; Radke P W; Klues H G; Buell U; vom Dahl J
 CS Univ.Aachen
 LO Aachen, Ger.
 SO Circulation (96, No. 8, Suppl. I, 161, 1997) 1 Tab.
 CODEN: CIRCAZ ISSN: 0009-7322
 AV University Hospital, Aachen, Germany.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L6 ANSWER 78 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1997-43169 DRUGU T
 TI Recurrent **angina** pectoris after thrombolysis. Angiographic correlates and evolution i the WAAT trial.
 AU Melandri G; Candiotti N; Semprini F; Descovich B; Reggiani L B; Branzi A; Magnani B
 CS Univ.Bologna
 LO Bologna, It.
 SO Eur.Heart J. (18, Abstr.Suppl., 278, 1997)
 CODEN: EHJODF ISSN: 0195-668X
 AV Institute of Cardiology, University of Bologna, Bologna, Italy.
 LA English
 DT Journal
 FA AB; LA; CT

STN Columbus

FS Literature

L6 ANSWER 79 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1997-43118 DRUGU T
 TI The effect of prolonged low-dose nitroglycerin infusion on left ventricular diastolic function early after myocardial infarction.
 AU Piszczek I; Grajek S; Skorupski W; Taronka A; Grygier M; Prech M; Popiel M; Mularek Kubzdela T; Kowal J; Cieslinki A
 LO Poznan, Pol.
 SO Eur.Heart J. (18, Abstr.Suppl., 172, 1997) 1 Tab.
 CODEN: EHJODF ISSN: 0195-668X
 AV University School of Medical Sciences, Cardiology Department, Poznan, Poland.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L6 ANSWER 80 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1995-44618 DRUGU T
 TI Lower cardiac troponin T levels in patients undergoing cardiopulmonary bypass surgery and receiving high dose aprotinin **therapy** indicate reduction in perioperative myocardial damage.
 AU Heller W; Wendel H P; Schulze J; Hoffmeister H M
 CS Univ.Tuebingen
 LO Tübingen, Ger.
 SO Thromb.Haemostasis (73, No. 6, 1040, 1995)
 CODEN: THHADQ ISSN: 0340-6245
 AV Department of Thoracic and Cardiovascular Surgery, University of Tuebingen, Tuebingen, Germany.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L6 ANSWER 81 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1994-05246 DRUGU T S
 TI Magnesium Versus Lidocaine in Acute Myocardial Infarction.
 AU Sanz P; Villacastin J; Lopez Bescos L; Almendral J; Rubio R; Valero R
 LO Madrid, Spain
 SO Circulation (88, No. 4, Pt. 2, I43, 1993)
 CODEN: CIRCAZ ISSN: 0009-7322
 AV Hospital Gregorio Maranon, Madrid, Spain. (9 authors).
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L6 ANSWER 82 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1994-01792 DRUGU T S
 TI Possible Myocardial Toxicity Associated with Interleukin-4 **Therapy**.
 AU Trehu E G; Isner J M; Mier J W; Karp D D; Atkins M B
 CS Univ.Tufts
 LO Boston, Massachusetts, United States
 SO J.Immunother. (14, No. 4, 348-51, 1993) 2 Fig. 26 Ref.
 AV Division of Hematology-Oncology, New England Medical Center, Box 245, 750 Washington St., Boston, MA 02111, U.S.A. (M.B.A.).
 LA English

STN Columbus

DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 83 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1992-21698 DRUGU T S
TI High-Dose Intravenous Diltiazem Increases Infarct Size in Acute, Uncomplicated Myocardial Infarction. A Placebo-Controlled Study.
AU Bartels L; Remme W; Wiesfeld A; Laarse A van der
LO Rotterdam, Netherlands
SO J.Am.Coll.Cardiol. (19, No. 3, Suppl. A, 381A, 1992)
CODEN: JACCDI ISSN: 0735-1097
AV Zuiderziekenhuis Rotterdam, The Netherlands.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 84 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1991-49591 DRUGU T P S
TI Captopril in the Treatment of Acute Myocardial Infarction: Open Label Randomized Controlled Study of Clinical, Echo-Cardiographic and Biochemical Parameters.
AU Vasiljevic Z; Ostojic M; Ristic M; Golubovic M; Radosavljevic M; Jarkin M
LO Belgrade, Yugoslavia
SO Eur.Heart J. (12, Abstr. Suppl., 289, 1991)
CODEN: EHJODF ISSN: 0195-668X
AV University Institute for Cardiovascular Disease, Belgrade, Yugoslavia. (9 authors).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 85 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1991-40288 DRUGU T B
TI Prognostic Significance of an Early Peak Plasma CK-MB After Streptokinase in Patients with Acute Myocardial Infarction.
AU Stanislawska J; Opolski G; Slomka K; Niemczyk M; Gorecki A; Tadeusiak W
LO Warsaw, Poland
SO Cardiovasc.Drugs Ther. (5, Suppl. 3, 374, 1991) 1 Tab.
CODEN: CDTHET ISSN: 0920-3206
AV Dept. of Cardiology, Medical Academy, Medical Cent. of Postgraduate Education, Warsaw, Poland. (7 authors).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 86 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

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AN 1990-21649 DRUGU T
TI Heparin In Combination with Aspirin for Unstable Angina: Clinical And Angiographic Effects.
AU Kantounis L; Niazi K; Margulis A; O'Neill W; Schreiber T
LO Royal Oak, Michigan, United States
SO J.Am.Coll.Cardiol. (15, No. 2, Suppl. A, 169A, 1990)
CODEN: JACCDI ISSN: 0735-1097
AV William Beaumont Hospital, Royal Oak, MI, U.S.A.

STN Columbus

LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 87 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

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AN 1989-09773 DRUGU T S
TI Myocardial Toxic Effects During Recombinant Interleukin-2 **Therapy**.
AU Nora R; Abrams J S; Tait N S; Hiponia D J; Silverman H J
LO Baltimore, Maryland, Rockford, Illinois, United States
SO J.Natl.Cancer Inst. (81, No. 1, 59-63, 1989) 4 Tab. 20 Ref.
CODEN: JNCIAM
AV University of Maryland Cancer Center, 22 South Greene St., Baltimore, MD
21201, U.S.A. (Abrams J S).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 88 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1988-29501 DRUGU T S
TI Continuous Ambulatory Electrocardiographic Monitoring During
5-Fluorouracil **Therapy**: A Prospective Study.
AU Rezkalla S; Kloner R A; Al Sarraf M; Bhasin S; Revels S; Ensley J
LO Detroit, Michigan, United States
SO Clin.Res. (36, No. 3, 499A, 1988) 1 Tab.
CODEN: CLREAS ISSN: 0009-9279
AV Wayne State University, Detroit, MI., U.S.A. (8 authors).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 89 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1987-01676 DRUGU T B S
TI Myocardial Specific Creatine Phosphokinase Isoenzyme Elevation in
Children with Asthma Treated with Intravenous Isoproterenol.
AU Maguire J F; Geha R S; Umetsu D T
LO Boston, Massachusetts, United States
SO J.Allergy Clin.Immunol. (78, No. 4, Pt. 1, 631-36, 1986) 1 Fig. 3 Tab. 19
Ref.
CODEN: JACIBY ISSN: 0090-7421
AV The Children's Hospital, Division of Allergy, 300 Longwood Ave., Boston,
MS 02115, U.S.A.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 90 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1987-00367 DRUGU T S
TI Cardiotoxicity Simulating **Myocardial Ischemia** with Left Ventricular
Dysfunction in Patients Receiving 5-Fluorouracil.
AU Patel B; Kloner R A; Ensley J; Al Sarraf M; Kish J; Wynne J
LO Detroit, Michigan, United States
SO Clin.Res. (34, No. 2, 405A, 1986)
CODEN: CLREAS ISSN: 0009-9279
AV Wayne State University, Harper Hospital, Detroit, MI, U.S.A.

STN Columbus

LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 91 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1986-24697 DRUGU T S
TI Doxorubicin Cardiotoxicity.
AU Carter J M; Bergen P S
LO Wellington, New Zealand
SO N.Engl.J.Med. (314, No. 17, 1118-19, 1986) 8 Ref.
CODEN: NEJMAG ISSN: 0028-4793
AV Wellington Clinical School of Medicine, Wellington 2, New Zealand.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 92 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

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AN 1985-43184 DRUGU T
TI Does Early Beta Blockade in Acute Myocardial Infarction Improve Myocardial Function. (question).
AU Federman J; Pitt A; Tonkin A M; Cranston J M; Roubin G S; Harris P J
LO Melbourne, Adelaide, Sydney, Australia
SO Aust.N.Z.J.Med. (15, No. 4, Suppl. 2, 520, 1985)
CODEN: ANZJB8 ISSN: 0004-8291
AV Alfred Hospital, Melbourne, Australia.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 93 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1985-07021 DRUGU T P
TI AV Block Induced by Drinking Cold Liquids.
AU Gelman J S; Pepine C J
LO Gainesville, Florida, United States
SO Am.Heart J. (108, No. 4, Pt. 1, 1054-56, 1984) 2 Fig. 12 Ref.
CODEN: AHJOA2 ISSN: 0002-8703
AV Box J-277, Dept. of Medicine, J. Hillis Miller Health Center, Gainesville, Florida 32610, U.S.A.
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 94 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1984-37070 DRUGU T M
TI Quinidine-Rifampin Interction.
AU Schwartz A; Brown J R
LO Memphis, Tennessee, United States
SO Am.Heart J. (107, No. 4, 789-90, 1984) 1 Fig. 6 Ref.
CODEN: AHJOA2 ISSN: 0002-8703
AV Medical Service, VA Medical Center, 1030 Jefferson Ave., Memphis, TN 38104, U.S.A.
LA English
DT Journal
FA AB; LA; CT

STN Columbus

FS Literature

L6 ANSWER 95 OF 279 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1983-30436 DRUGU T
 TI Limitation of **Myocardial Infarct** Size: Present Status.
 AU Yusuf S; Sleight P
 LO Oxford, United Kingdom
 SO Drugs (25, No. 5, 441-50, 1983) 1 Fig. 77 Ref.
 CODEN: DRUGAY ISSN: 0012-6667
 AV Department of Cardiovascular Medicine, John Radcliffe Hospital,
 University of Oxford, Oxford, England.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

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RESERVED. on STN
 AN 2001030152 EMBASE
 TI Protective effect of unstable **angina** in coronary artery bypass surgery.
 AU Wu Z.-K.; Pehkonen E.; Laurikka J.; Kaukinen L.; Honkonen E.L.; Kaukinen
 S.; Tarkka M.R.
 CS Dr. M.R. Tarkka, Clinic of Cardiac Surgery, Tampere University Hospital,
 FI-33521 Tampere, Finland. matti.tarkka@tays.fi
 SO Scandinavian Cardiovascular Journal, (2000) 34/5 (486-492).
 Refs: 20
 ISSN: 1401-7431 CODEN: SCJOFY
 CY Norway
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English
 SL English

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RESERVED. on STN
 AN 2000181344 EMBASE
 TI Directional coronary atherectomy of in-stent restenosis: A two-center
 experience.
 AU Haberbosch W.; Waas W.; Waldecker B.; Heizmann H.; Holschermann H.; Rau
 M.; Tillmanns H.
 CS Dr. W. Haberbosch, University Hospital, Department of Internal Medicine,
 Justus-Liebig-University Giessen, Klinikstr. 36, D-35392 Giessen, Germany.
werner.g.haberbosch@innere.med.uni-giessen.de
 SO Journal of Interventional Cardiology, (2000) 13/2 (93-100).
 Refs: 18
 ISSN: 0896-4327 CODEN: JICAF2
 CY United States
 DT Journal; Article
 FS 014 Radiology
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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RESERVED. on STN
 AN 2000160376 EMBASE
 TI [Myocardial protection during coronary artery by-pass surgery with

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nitroglycerin or diltiazem. Preliminary results].
 POROWNANIE SKUTECZNOSCI NITROGLICERYNY I DILTIAZEMU W ZAPOBIEGANIU
 NIEDOKRWIENIA MIESNIA SERCA PO PRZESLOWANIU TETNIC WIENCOWYCH. DONIESIENIE
 WSTEPNE.

AU Hirnle T.; Stachurski A.; Negrusz-Kawecka M.; Halawa B.; Bross T.
 CS Dr. T. Hirnle, Department of Cardiac Surgery, ul. Sklodowskiej-Curie 66,
 50-369 Wroclaw, Poland
 SO Kardiologia Polska, (2000) 52/4 (277-284).
 Refs: 20
 ISSN: 0022-9032 CODEN: KARPA4
 CY Poland
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English; Polish
 SL English

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RESERVED. on STN

AN 2000143169 EMBASE
 TI Minor cardiac troponin T release in patients undergoing coronary artery
 bypass graft surgery on a beating heart.
 AU Shiga T.; Terajima K.; Matsumura J.; Sakamoto A.; Ogawa R.
 CS Dr. T. Shiga, Department of Anesthesiology, Nippon Medical School, 1-1-5
 Sendagi, Bunkyo-ku, Tokyo 113-8603, Japan
 SO Journal of Cardiothoracic and Vascular Anesthesia, (2000) 14/2 (151-155).
 Refs: 18
 ISSN: 1053-0770 CODEN: JCVAEK
 CY United States
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 024 Anesthesiology
 029 Clinical Biochemistry
 037 Drug Literature Index
 LA English
 SL English

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RESERVED. on STN

AN 2000142605 EMBASE
 TI Prognostic value of cardiac troponin-I levels following catheter-based
 coronary interventions.
 AU Fuchs S.; Kornowski R.; Mehran R.; Lansky A.J.; Satler L.F.; Pichard A.D.;
 Kent K.M.; Clark C.E.; Stone G.W.; Leon M.B.
 CS Dr. R. Kornowski, Cardiovascular Research Foundation, Washington Hospital
 Center, 110 Irving Street NW, Washington, DC 20010, United States.
rxk3@mhq.edu
 SO American Journal of Cardiology, (1 May 2000) 85/9 (1077-1082).
 Refs: 19
 ISSN: 0002-9149 CODEN: AJCDAG
 PUI S 0002-9149(00)00699-8
 CY United States
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 030 Pharmacology
 037 Drug Literature Index
 006 Internal Medicine
 LA English
 SL English

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Full Text

RESERVED. on STN
 AN 2000074262 EMBASE
 TI Coronary oxygen persufflation combined with HTK cardioplegia prolongs the preservation time in heart transplantation.
 AU Kuhn-Regnier F.; Fischer J.H.; Jeschkeit S.; Switkowski R.; Bardakcioglu O.; Sobottke R.; De Vivie E.R.
 CS F. Kuhn-Regnier, Department of Cardiothoracic Surgery, University of Cologne, Joseph Stelzmann Strasse 9, D-50924 Cologne, Germany.
ferdinand.kuhn-regnier@medizin.uni-koeln.de
 SO European Journal of Cardio-thoracic Surgery, (2000) 17/1 (71-76).
 Refs: 22
 ISSN: 1010-7940 CODEN: EJCSE7
 PUI S 1010-7940(99)00353-X
 CY Netherlands
 DT Journal; Article
 FS 009 Surgery
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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Full Text

RESERVED. on STN
 AN 1999348670 EMBASE
 TI First clinical experience with the R stent: A new highly flexible stainless steel tube intracoronary stent.
 AU Kutryk M.J.B.; Wardah A.J.; Knook A.H.M.; Foley D.P.; Van der Giessen W.J.; Hamburger J.N.; Van den Brand M.; De Feyter P.J.; Becker G.J.; Serruys P.W.
 CS P.W. Serruys, Thoraxcenter, University Hospital Dijkzigt, Dr Molewaterplein 40, 3015 GD Rotterdam, Netherlands
 SO International Journal of Cardiovascular Interventions, (1999) 2/3 (163-169).
 Refs: 16
 ISSN: 1462-8848 CODEN: IJCIFM
 CY United Kingdom
 DT Journal; Article
 FS 014 Radiology
 018 Cardiovascular Diseases and Cardiovascular Surgery
 027 Biophysics, Bioengineering and Medical Instrumentation
 037 Drug Literature Index
 LA English
 SL English

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RESERVED. on STN
 AN 1999334105 EMBASE
 TI Identifying acute ischemia in the ED: How useful are the available tests?.
 SO Consultant, (1997) 37/6 (1719-1720).
 Refs: 7
 ISSN: 0010-7069 CODEN: CNSLAY
 CY United States
 DT Journal; (Short Survey)
 FS 006 Internal Medicine
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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STN Columbus

Full Text

RESERVED. on STN
 AN 1999105622 EMBASE
 TI Specificity of cardiac troponin I and creatine kinase-MB isoenzyme in asymptomatic long-term hemodialysis patients and effect of hemodialysis on these cardiac markers.
 AU Tun A.; Khan I.A.; Win M.T.; Hussain A.; Hla T.A.; Wattanasuwan N.; Vasavada B.C.; Sacchi T.J.
 CS Dr. I.A. Khan, 12 Vogel Loop, Staten Island, NY 10314, United States. ijazkhan@pol.net
 SO Cardiology, (1998) 90/4 (280-285).
 Refs: 34
 ISSN: 0008-6312 CODEN: CAGYAO
 CY Switzerland
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 028 Urology and Nephrology
 029 Clinical Biochemistry
 LA English
 SL English

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Full Text

RESERVED. on STN
 AN 1999083036 EMBASE
 TI Prognostic significance of myocardial enzyme release after coronary interventions.
 AU Kelly D.; Arora R.
 CS Dr. R. Arora, Columbia Presbyterian Medical Center, 2 HS-1CC, 177 Fort Washington Avenue, New York, NY 10032, United States
 SO Catheterization and Cardiovascular Diagnosis, (1999) 46/3 (292-302).
 Refs: 43
 ISSN: 0098-6569 CODEN: CCDIDC
 CY United States
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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RESERVED. on STN
 AN 1998318319 EMBASE
 TI [Laboratory diagnostic tests of the acute **myocardial infarct**].
 A MYOCARDIALIS INFARKTUS LABORATORIUMI MARKEREI.
 AU Marki-Zay J.; Nagy E.; Dux L.
 CS Dr. L. Dux, Albert Szent-Gyorgyi, University Medical School, Institute of Biochemistry, Dom ter 9, H-6724 Szeged, Hungary
 SO Lege Artis Medicine, (1998) 8/9 (596-605).
 Refs: 50
 ISSN: 0866-4811 CODEN: LAMEFU
 CY Hungary
 DT Journal; General Review
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA Hungarian
 SL Hungarian; English

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RESERVED. on STN
 AN 1998303561 EMBASE
 TI [The influence of pentoxifilin on **myocardial ischemia-reperfusion**

STN Columbus

injury].
 PENTOKSIFILININ MYOKARDIYAL ISKEMI-REPERFUZYON HASARINA ETKILERI.
 AU Demirkilic U.; Kuralay E.; Cincik M.; Yuksel M.U.; Ide T.; Usubutun A.;
 Yilmaz A.T.; Tatar H.
 CS Dr. U. Demirkilic, Kalp-Damar Cerrahisi Anabilum Dali, Gulhane Askeri Trip
 Akademisi, 06018 Etlik, Ankara, Turkey
 SO Bulletin of Gulhane Military Medical Academy, (1998) 40/2 (135-142).
 Refs: 31
 ISSN: 1300-0543 CODEN: GATBDX
 CY Turkey
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA Turkish
 SL English; Turkish

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RESERVED. on STN
 AN 1998267500 EMBASE
 TI The prognostic significance of troponin I and troponin T.
 AU Green G.B.; Li D.J.; Bessman E.S.; Cox J.L.; Kelen G.D.; Chan D.W.
 CS Dr. G.B. Green, Department of Emergency Medicine, Johns Hopkins
 University, School of Medicine, 600 North Wolfe Street, Baltimore, MD
 21231-2080, United States. ggreen@gwgate1.libmi.jhu.edu
 SO Academic Emergency Medicine, (1998) 5/8 (758-767).
 Refs: 38
 ISSN: 1069-6563 CODEN: AEMEF5
 CY United States
 DT Journal; Article
 FS 006 Internal Medicine
 018 Cardiovascular Diseases and Cardiovascular Surgery
 029 Clinical Biochemistry
 LA English
 SL English

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RESERVED. on STN
 AN 1998143902 EMBASE
 TI Sensitivity and long-term prognostic value of cardiac troponin-I increase
 shortly after percutaneous transluminal coronary angioplasty.
 AU Attali P.; Aleil B.; Petitpas G.; DePoli F.; Wiesel M.L.; Wuillermin A.;
 Cazenave J.P.; Mossard J.M.
 CS Dr. P. Attali, Service de Cardiologie, Hopital Civil, Hopitaux Univ. de
 Strasbourg, 67091 Strasbourg, France
 SO Clinical Cardiology, (1998) 21/5 (353-356).
 Refs: 21
 ISSN: 0160-9289 CODEN: CLCADC
 CY United States
 DT Journal; Article
 FS 006 Internal Medicine
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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RESERVED. on STN
 AN 1998133606 EMBASE
 TI Procedural results and late clinical outcomes after placement of three or
 more stents in single coronary lesions.

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AU Kornowski R.; Mehran R.; Hong M.K.; Satler L.F.; Pichard A.D.; Kent K.M.; Mintz G.S.; Waksman R.; Laird J.R.; Lansky A.J.; Bucher T.A.; Popma J.J.; Leon M.B.
 CS Dr. M.B. Leon, Cardiovascular Research, Washington Cardiology Center, 110 Irving St NW, Washington, DC 20010, United States. mbll@mhq.edu
 SO Circulation, (14 Apr 1998) 97/14 (1355-1361).
 Refs: 35
 ISSN: 0009-7322 CODEN: CIRCAZ
 CY United States
 DT Journal; Article
 FS 014 Radiology
 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English
 SL English

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RESERVED. on STN
 AN 1998098272 EMBASE
 TI Prevalence of late potentials after myocardial infarction treated with systemic thrombolysis or primary percutaneous transluminal coronary angioplasty.
 AU Bruna C.; Rossetti G.; Vado A.; Racca E.; Steffenino G.; Dellavalle A.; Ribichini F.; Ferrero V.; Menardi E.; Uslenghi E.
 CS Dr. C. Bruna, Divisione di Cardiologia, Ospedale Santa Croce, Via Michele Coppino, 26, 12100 Cuneo, Italy
 SO Giornale Italiano di Cardiologia, (1998) 28/1 (3-11).
 Refs: 47
 ISSN: 0046-5968 CODEN: GICDA7
 CY Italy
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English
 SL English; Italian

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RESERVED. on STN
 AN 1998051581 EMBASE
 TI 'Optimal' directional coronary atherectomy: Final results of the Optimal Atherectomy Restenosis Study (OARS).
 AU Simonton C.A.; Leon M.B.; Baim D.S.; Hinohara T.; Kent K.M.; Bersin R.M.; Wilson B.H.; Mintz G.S.; Fitzgerald P.J.; Yock P.G.; Popma J.J.; Ho K.K.L.; Cutlip D.E.; Senerchia C.; Kuntz R.E.
 CS Dr. C.A. Simonton, Sanger Clinic, 1001 Blythe Blvd, Charlotte, NC 28203, United States
 SO Circulation, (3 Feb 1998) 97/4 (332-339).
 Refs: 18
 ISSN: 0009-7322 CODEN: CIRCAZ
 CY United States
 DT Journal; Article
 FS 014 Radiology
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

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RESERVED. on STN
 AN 1998012683 EMBASE

STN Columbus

TI Laboratory-based diagnosis of acute coronary syndromes: Results of the
NOWIS pilot study.

AU Stork T.; Mockel M.; Gareis R.; Muller R.; Maier I.; Braun R.

CS Dr. T. Stork, Innere Klin. II Angiol. Intensivmed., Karl-Olga-Krankenhaus,
Schwarenbegstrasse 70, D-70190 Stuttgart, Germany. Thomas.Stoerk@t-
online.de

SO Clinical Laboratory, (1997) 43/12 (1091-1102).
Refs: 30
ISSN: 1433-6510 CODEN: CLLAFP

CY Germany

DT Journal; Article

FS 018 Cardiovascular Diseases and Cardiovascular Surgery
029 Clinical Biochemistry
037 Drug Literature Index

LA English

SL English; German

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AN 97287039 EMBASE

DN 1997287039

TI [Laboratory-based stepwise diagnosis of acute coronary syndromes].
LABORANALYTISCHE STUFENDIAGNOSTIK AKUTER KORONARSYNDROME.

AU Stork T.; Gareis R.; Mockel M.; Spanuth E.; Eichstadt H.

CS Dr. T. Stork, Innere Klinik II, Kardiologie, Angiologie/Intensivmed.,
Karl-Olga-Krankenhaus, Schwarenbegstr. 7, 70190 Stuttgart, Germany

SO Herz Kreislauf, (1997) 29/9 (261-265).
Refs: 30
ISSN: 0046-7324 CODEN: HZKLAV

CY Germany

DT Journal; General Review

FS 006 Internal Medicine
018 Cardiovascular Diseases and Cardiovascular Surgery
029 Clinical Biochemistry

LA German

SL German; English

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AN 97255079 EMBASE

DN 1997255079

TI [The influence of Gingko Biloba extract on **myocardial
ischemia**-reperfusion damage].
MIYOKARDIAL ISKEMI-REPERFUZYON HASARI UZERINE GINGKO BILOBA EXTRESININ
ETKILERI.

AU Yilmaz A.T.; Ozal E.; Akay V.; Ozcan O.; Demirkilic U.; Kuralay E.; Bingol
H.; Sag C.; Tatar H.; Ozturk O.Y.

CS Dr. A.T. Yilmaz, Kalp ve Damar Cerr. Anabilim Dali, GATA, 06018 Etlik,
Ankara, Turkey

SO Bulletin of Gulhane Military Medical Academy, (1997) 39/2 (237-244).
Refs: 22
ISSN: 1300-0543 CODEN: GATBDX

CY Turkey

DT Journal; Article

FS 018 Cardiovascular Diseases and Cardiovascular Surgery
030 Pharmacology
037 Drug Literature Index

LA Turkish

SL English; Turkish

STN Columbus

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Full Text

RESERVED. on STN
 AN 97145902 EMBASE
 DN 1997145902
 TI Perioperative risk of coronary patients undergoing major urological operations. The role of prophylactic administration of Diltiazem.
 AU Hatziantoniou G.P.; Tassiopoulos P.A.; Fakiolas C.N.; Foussas S.G.; Lykourinas M.G.
 CS G.P. Hatziantoniou, Tzanio Hospital, Cardiology Department, Piraeus, Greece
 SO Hellenic Journal of Cardiology, (1997) 38/1 (28-34).
 Refs: 14
 ISSN: 1011-7970 CODEN: HLKEAE
 CY Greece
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 028 Urology and Nephrology
 030 Pharmacology
 037 Drug Literature Index
 LA Greek
 SL Greek; English

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Full Text

RESERVED. on STN
 AN 97003972 EMBASE
 DN 1997003972
 TI Postoperative follow-up of coronary artery bypass patients receiving calcium antagonist diltiazem.
 AU Keilich M.; Kulinna C.; Seitelberger R.; Fasol R.
 CS Dr. R. Fasol, Cardiovascular Surgery, Rohn-Klinikum, Salzburger Leite 1, 97616 Bad Neustadt, Germany
 SO International Journal of Angiology, (1997) 6/1 (8-12).
 Refs: 23
 ISSN: 1061-1711 CODEN: IJAGE5
 CY United States
 DT Journal; Article
 FS 006 Internal Medicine
 015 Chest Diseases, Thoracic Surgery and Tuberculosis
 018 Cardiovascular Diseases and Cardiovascular Surgery
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English

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Full Text

RESERVED. on STN
 AN 96294291 EMBASE
 DN 1996294291
 TI Significance of mild transient release of creatine kinase-MB fraction after percutaneous coronary interventions.
 AU Abdelmeguid A.E.; Topol E.J.; Whitlow P.L.; Sapp S.K.; Ellis S.G.
 CS Sones Cardiac Cath Labs, Cleveland Clinic Foundation, 9500 Euclid Ave, Cleveland, OH 44195, United States
 SO Circulation, (1996) 94/7 (1528-1536).
 ISSN: 0009-7322 CODEN: CIRCAZ
 CY United States
 DT Journal; Article
 FS 006 Internal Medicine
 018 Cardiovascular Diseases and Cardiovascular Surgery

STN Columbus

LA English
SL English

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Full Text

RESERVED. on STN
AN 96160144 EMBASE
DN 1996160144
TI Variance cardiography for emergency department evaluation of chest pain patients.
AU Spadafore J.C.; Lieber J.G.; Vasilenko P.
CS Department of Emergency Medicine, Saginaw Cooperative Hospitals, Inc., 1000 Houghton Street, Saginaw, MI 48602, United States
SO Academic Emergency Medicine, (1996) 3/4 (326-332).
ISSN: 1069-6563 CODEN: AEMEF5
CY United States
DT Journal; Article
FS 018 Cardiovascular Diseases and Cardiovascular Surgery
027 Biophysics, Bioengineering and Medical Instrumentation
LA English
SL English

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Full Text

RESERVED. on STN
AN 96116590 EMBASE
DN 1996116590
TI Effective resource management using a clinical and laboratory algorithm for chest pain triage.
AU Bernstein L.; Spiekerman A.M.; Qamar A.; Babb J.
CS Department of Pathology, Bridgeport Hospital, Bridgeport, CT, United States
SO Clinical Laboratory Management Review, (1996) 10/2 (143-152).
ISSN: 0888-7950 CODEN: CLMREC
CY United States
DT Journal; General Review
FS 005 General Pathology and Pathological Anatomy
018 Cardiovascular Diseases and Cardiovascular Surgery
LA English
SL English

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Full Text

RESERVED. on STN
AN 96105392 EMBASE
DN 1996105392
TI A case of intraoperative hypotensive crisis with ST-elevation.
AU Miki T.; Yamanoue T.; Kawamoto M.; Sanuki M.; Nakagawa M.; Yuge O.
CS Dept. Anesthes./Critical Care Med., Hiroshima University School of Med., Hiroshima, Japan
SO Anesthesia and Resuscitation, (1995) 31/4 (275-277).
ISSN: 0385-1664 CODEN: MASODV
CY Japan
DT Journal; Article
FS 009 Surgery
018 Cardiovascular Diseases and Cardiovascular Surgery
024 Anesthesiology
037 Drug Literature Index
LA Japanese
SL English

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Full Text

STN Columbus

RESERVED. on STN

AN 96105389 EMBASE

DN 1996105389

TI A case with cardiac ischemia induced by mesenteric traction.

AU Suyama H.; Kawamoto M.; Yamanoue T.; Okada K.; Yuge O.

CS Dept. Anesth./Critical Care Medicine, Hiroshima University, School of Medicine, Hiroshima, Japan

SO Anesthesia and Resuscitation, (1995) 31/4 (265-266).
ISSN: 0385-1664 CODEN: MASODV

CY Japan

DT Journal; Article

FS 009 Surgery
018 Cardiovascular Diseases and Cardiovascular Surgery
024 Anesthesiology
048 Gastroenterology
037 Drug Literature Index

LA Japanese

SL English

L6 ANSWER 123 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN

AN 96080638 EMBASE

DN 1996080638

TI [Low molecular weight heparin (fraxiparine) as adjunctive **therapy** with thrombolysis for acute myocardial infarction: A pilot study with one-year follow up].

DROBNOCZASTECZKOWA HEPARYNA (FRAKSYPARYNA) JAKO UZUPELNIENIE LECZENIA TROMBOLITYCZNEGO SWIEZEGO ZAWALU SERCA; PROBA 'PILOTOWA' Z ROCZNA OBSERWACJA CHORYCH.

AU Elikowski W.; Psuja P.; Lewandowski K.; Przybyl M.; Wendland M.; Wroblewski D.; Jazienicki B.; Przybyl L.; Zawilska K.

CS Klinika Chorob Wewnętrznych, Akad. Med. im. K. Marcinkowskiego, ul. Szkolna 8/12, 61-833 Poznan, Poland

SO Polskie Archiwum Medycyny Wewnętrznej, (1996) 95/1 (53-61).
ISSN: 0032-3772 CODEN: PAMWAL

CY Poland

DT Journal; Article

FS 018 Cardiovascular Diseases and Cardiovascular Surgery
025 Hematology
037 Drug Literature Index

LA Polish

SL English; Polish

L6 ANSWER 124 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN

AN 95343452 EMBASE

DN 1995343452

TI [Gallopamil in acute myocardial infarction].
GALLOPAMIL BEI AKUTEM MYOKARDINFARKT.

AU Kahler J.; Schneider C.A.; Ambrosius U.; Neff U.; Klepzig Jr. H.; Bussmann W.D.

CS Abteilung für Kardiologie, Medizinische Klinik und Poliklinik, Universitäts-Krankenhaus Eppendorf, Martinistrasse 52, 20246 Hamburg, Germany

SO Herz Kreislauf, (1995) 27/11 (370-374).
ISSN: 0046-7324 CODEN: HZKLAV

CY Germany

DT Journal; Article

FS 018 Cardiovascular Diseases and Cardiovascular Surgery
030 Pharmacology

STN Columbus

037 Drug Literature Index
 LA German
 SL English; German

L6 ANSWER 125 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
 RESERVED. on STN
 AN 95184745 EMBASE
 DN 1995184745
 TI Perioperative infusion of nifedipine and metoprolol provides antiischemic and antiarrhythmic protection in patients undergoing elective aortocoronary by-pass surgery.
 AU Podesser B.; Schwarzacher S.; Zwolfer W.; Binder T.; Spatt J.; Peschl F.; Huber S.; Wolner E.; Seitelberger R.
 CS II Department of Surgery, Spitalg 23, Vienna 1090, Austria
 SO Journal of Cardiovascular Surgery, (1994) 35/SUPPL. 1-6 (233-235).
 ISSN: 0021-9509 CODEN: JCVSA2
 CY Italy
 DT Journal; Conference Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English
 SL English

L6 ANSWER 126 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
 RESERVED. on STN
 AN 95166628 EMBASE
 DN 1995166628
 TI Long-term outcome of transient, uncomplicated in-laboratory coronary artery closure.
 AU Abdelmeguid A.E.; Whitlow P.L.; Sapp S.K.; Ellis S.G.; Topol E.J.
 CS Department of Cardiology, Cleveland Clinic Foundation, 9500 Euclid Ave, Cleveland, OH 44195, United States
 SO Circulation, (1995) 91/11 (2733-2741).
 ISSN: 0009-7322 CODEN: CIRCAZ
 CY United States
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL English

L6 ANSWER 127 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
 RESERVED. on STN
 AN 95029813 EMBASE
 DN 1995029813
 TI [Emergency bypass surgery after failed elective percutaneous transluminal coronary angioplasty].
 NOTFALLMASSIGE BYPASSOPERATION NACH FRUSTRANER ELEKTIVER PERKUTANER TRANSLUMINALER KORONARANGIOPLASTIE.
 AU Schumacher B.; Pecher P.; Keilich M.; Gunther H.-U.; Stegmann T.
 CS Klinik Thorax-/Herz-/Gefasschirurgie, Klinikum, Pacelliallee 4, D-36043 Fulda, Germany
 SO Helvetica Chirurgica Acta, (1994) 60/6 (1137-1142).
 ISSN: 0018-0181 CODEN: HCATAE
 CY Switzerland
 DT Journal; Conference Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA German
 SL English

STN Columbus

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Full Text

RESERVED. on STN
 AN 93285538 EMBASE
 DN 1993285538
 TI The effect of allopurinol on free oxygen radicals in myocardial reperfusion.
 AU Fabian J.; Popovic Z.; Vucinic M.
 CS Postgraduate Medical Institute, Limbova 12,833 03 Bratislava, Slovakia
 SO Cor et Vasa, (1992) 34/5-6 (411-420).
 ISSN: 0010-8650 CODEN: COVAAN
 CY Czech Republic
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English; German; French

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Full Text

RESERVED. on STN
 AN 93208503 EMBASE
 DN 1993208503
 TI Combined perioperative infusion of nifedipine and metoprolol provides antiischemic and antiarrhythmic protection in patients undergoing elective aortocoronary bypass surgery.
 AU Podesser B.; Schwarzacher S.; Swolfer W.; Binder T.M.; Spatt J.; Peschl F.; Huber S.; Seitelberger R.
 CS Abteilung Herz- und Gefasschirurgie, Universitat Freiburg,D-79106 Freiburg, Germany
 SO Thoracic and Cardiovascular Surgeon, (1993) 41/3 (173-179).
 ISSN: 0171-6425 CODEN: TVCHAF
 CY Germany
 DT Journal; Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 LA English
 SL German; English

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Full Text

RESERVED. on STN
 AN 90197009 EMBASE
 DN 1990197009
 TI Prevention of creatine kinase-MB release in **coronary artery disease** and pacing-induced **myocardial ischemia** by isosorbide dinitrate spray.
 AU Marmor A.; Klein R.
 CS Cardiology Department, Rebecca Sieff Medical Center, Safed, Israel
 SO American Journal of Cardiology, (1990) 65/21 (36J-38J).
 ISSN: 0002-9149 CODEN: AJCDAG
 CY United States
 DT Journal; Conference Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English

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Full Text

RESERVED. on STN

STN Columbus

AN 89250893 EMBASE
 DN 1989250893
 TI Coronary artery spasm under thoracic epidural anesthesia.
 AU Tamura T.; Yokoyama K.; Sato H.; Kato K.; Taneda M.; Hayashi A.;
 Jounokoshi H.; Ueda Y.; Kawana Y.; Araki Y.
 CS Department of Anesthesiology, Daiichi Hospital, Nippon Medical School,
 Tokyo 102, Japan
 SO Japanese Journal of Anesthesiology, (1989) 38/10 (1369-1377).
 ISSN: 0021-4892 CODEN: MASUAC
 CY Japan
 DT Journal
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 037 Drug Literature Index
 024 Anesthesiology
 LA Japanese
 SL English

L6 ANSWER 132 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN

AN 89084686 EMBASE
 DN 1989084686
 TI Effectiveness of calcium antagonist drugs in patients with unstable
angina and proven **coronary artery disease**.
 AU Mauri F.; Mafriqi A.; Biraghi M.; Cerri P.; De Biase A.M.
 CS Department of Cardiology, De Gasperis Centre, Ca Granda-Niguarda Hospital,
 20162 Milan, Italy
 SO European Heart Journal, (1988) 9/SUPPL. N (158-163).
 ISSN: 0195-668X CODEN: EHJODF
 CY United Kingdom
 DT Journal
 FS 006 Internal Medicine
 018 Cardiovascular Diseases and Cardiovascular Surgery
 030 Pharmacology
 037 Drug Literature Index
 LA English
 SL English

L6 ANSWER 133 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN

AN 88205607 EMBASE
 DN 1988205607
 TI Early identification of patients with acute myocardial infarction.
 AU Gibler W.B.; Blanton J.
 CS Section of Surgical Sciences, Vanderbilt University School of Medicine,
 Nashville, TN 37232, United States
 SO Comprehensive Therapy, (1988) 14/8 (41-44).
 ISSN: 0098-8243 CODEN: COTHD3
 CY United States
 DT Journal
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 029 Clinical Biochemistry
 LA English
 SL English

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Full Text

RESERVED. on STN

AN 86224327 EMBASE
 DN 1986224327
 TI Hyaluronidase **therapy** for acute myocardial infarction: Results of a

STN Columbus

- randomized, blinded, multicenter trial.
- SO American Journal of Cardiology, (1986) 57/15 (1236-1243).
CODEN: AJCDAG
- CY United States
- DT Journal
- FS 037 Drug Literature Index
018 Cardiovascular Diseases and Cardiovascular Surgery
030 Pharmacology
006 Internal Medicine
- LA English
- L6 ANSWER 135 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
RESERVED. on STN
- AN 86200441 EMBASE
- DN 1986200441
- TI Diltiazem cold cardioplegia in coronary artery surgery: Effects on myocardial function and ischemia.
- AU Costa P.; Donegani E.; DePaulis R.; et al.
- CS Cardiovascular Surgery Department and Anesthesia Service of the University of Torino Medical School, Corso Polonia 14-10126 Torino, Italy
- SO Texas Heart Institute Journal, (1986) 13/1 (53-60).
CODEN: THIJDO
- CY United States
- DT Journal
- FS 037 Drug Literature Index
018 Cardiovascular Diseases and Cardiovascular Surgery
030 Pharmacology
020 Gerontology and Geriatrics
- LA English
- L6 ANSWER 136 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
RESERVED. on STN
- AN 86162153 EMBASE
- DN 1986162153
- TI [Increased creatine kinase-MB activity in a 54-yr.-old man with unstable **angina pectoris**.
ERHOHTE '**CK-MB**'-AKTIVITÄT BEI EINEM 54JÄHRIGEN PATIENTEN MIT INSTABILER **ANGINA PECTORIS**.]
- AU Krawietz W.; Fischer S.; Neumeier D.; Autenrieth G.
- CS I. Medizinische Klinik, Zentralklinikum Augsburg, D-8900 Augsburg, Germany
- SO Internist, (1986) 27/5 (336-338).
CODEN: INTEAG
- CY Germany
- DT Journal
- FS 006 Internal Medicine
018 Cardiovascular Diseases and Cardiovascular Surgery
029 Clinical Biochemistry
- LA German
- L6 ANSWER 137 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
Full Text
RESERVED. on STN
- AN 86050958 EMBASE
- DN 1986050958
- TI [Emergency coronary artery bypass surgery in patients with acute **myocardial ischemia** following percutaneous coronary angioplasty].
ERGEBNISSE DER DRINGLICHEN AORTOKORONAREN BYPASSCHIRURGIE BEI PATIENTEN MIT AKUTER MYOKARDISCHAMIE NACH PERKUTANER TRANSLUMINALER KORONARANGIOPLASTIK.
- AU Rigler B.; Stenzl W.; Tscheliessnigg K.H.; et al.

STN Columbus

CS Universitätsklinik für Chirurgie, A-8036 Graz, Austria
 SO Wiener Medizinische Wochenschrift, (1985) 135/19-20 (494-499).
 CODEN: WMWOA4
 CY Austria
 DT Journal
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 020 Gerontology and Geriatrics
 014 Radiology
 LA German
 SL English

L6 ANSWER 138 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN
 AN 84092944 EMBASE
 DN 1984092944
 TI Patient care problems in patients undergoing reoperation for coronary artery grafting surgery.
 AU Brummett C.; Reves J.G.; Lell W.A.; Smith L.R.
 CS Department of Anesthesiology, The University of Alabama Medical Center, Birmingham, AL 35294, United States
 SO Canadian Anaesthetists Society Journal, (1984) 31/2 (213-220).
 CODEN: CANJAE
 CY Canada
 DT Journal
 FS 024 Anesthesiology
 018 Cardiovascular Diseases and Cardiovascular Surgery
 LA English
 SL French

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Full Text

RESERVED. on STN
 AN 81243045 EMBASE
 DN 1981243045
 TI Electrocardiographic changes after cervical laminectomy.
 AU Baur H.R.; Gobel F.L.; Pierach C.A.
 CS Univ. Minnesota Med. Unit, Abbott Northwest. Hosp., Minneapolis, MN 55407, United States
 SO International Journal of Cardiology, (1981) 1/1 (37-40).
 CODEN: IJCDD5
 CY Netherlands
 DT Journal
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 008 Neurology and Neurosurgery
 033 Orthopedic Surgery
 LA English

L6 ANSWER 140 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN
 AN 81207415 EMBASE
 DN 1981207415
 TI Intermittent aortic crossclamping at 32°C, a safe technique for multiple aortocornary bypass grafting.
 AU Flameng W.; Suy R.; Borghers M.; et al.
 CS Dept. Cardiovasc. Surg., univ. Clin. St. Rafael, Kathol. Univ., Leuven, Belgium
 SO Thoracic and Cardiovascular Surgeon, (1981) 29/4 (216-222).
 CODEN: TVCHAF
 CY Germany
 DT Journal

STN Columbus

FS 018 Cardiovascular Diseases and Cardiovascular Surgery
LA English

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Full Text

RESERVED. on STN
AN 81071389 EMBASE
DN 1981071389
TI Predictors of perioperative myocardial infarction in coronary artery operation.
AU Baur H.R.; Peterson T.A.; Arnar O.; et al.
CS Dept. Med., Northwest. Hosp., Minneapolis, Minn., United States
SO Annals of Thoracic Surgery, (1981) 31/1 (36-44).
CODEN: ATHSAK
CY United States
DT Journal
FS 018 Cardiovascular Diseases and Cardiovascular Surgery
006 Internal Medicine
LA English

L6 ANSWER 142 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN
AN 80087519 EMBASE
DN 1980087519
TI [Mobilization of patients with acute myocardial infarction].
MOBILISATION BEI PATIENTEN MIT FRISCHEM MYOKARDINFARKT.
AU Jeschke D.; Bayer B.; Schmuelling R.M.; et al.
CS Zent. Inn. Med., Univ. Tübingen, Germany
SO Herz, (1979) 4/6 (475-489).
CODEN: HERZDW
CY Germany
DT Journal
FS 018 Cardiovascular Diseases and Cardiovascular Surgery
019 Rehabilitation and Physical Medicine
006 Internal Medicine
LA German
SL English

L6 ANSWER 143 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN
AN 80041506 EMBASE
DN 1980041506
TI [Decrease in creatine phosphokinase and CK MB enzyme activities and infarct size after i.v. administration of glyceryl trinitrate].
ABNAHME DER CK- UND CK-MB-ENZYM-AKTIVITÄT UND DER INFARKTGROSSE DURCH INTRAVENÖSE NITROGLYZERIN.
AU Bussmann W.D.
CS Abt. Kardiol., Zent. Inn. Med., Univ. Frankfurt a. M., Germany
SO Therapiewoche, (1979) 29/42 (6921-6941).
CODEN: THEWA6
CY Germany
DT Journal
FS 037 Drug Literature Index
018 Cardiovascular Diseases and Cardiovascular Surgery
029 Clinical Biochemistry
006 Internal Medicine
LA German

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Full Text

STN Columbus

RESERVED. on STN
 AN 79185713 EMBASE
 DN 1979185713
 TI [IX. Randomized study of the effect of nitroglycerin on CK and **CK-MB** infarct size. Preliminary report].
 IX. RANDOMISIERTE STUDIE ZUR WIRKUNG VON NITROGLYCERIN AUF DIE CK- UND **CK-MB**-INFARKTGROSSE. VORLAUFIGE ERGEBNISSE.
 AU Bussmann W.D.; Berghof E.; Wagner P.; et al.
 CS Abt. Kardiolog., Zentr. Inn. Med., Univ. Frankfurt a.M., Germany
 SO Klinische Wochenschrift, (1979) 57/7 (341-349).
 CODEN: KLWOAZ
 CY Germany
 DT Journal
 FS 037 Drug Literature Index
 018 Cardiovascular Diseases and Cardiovascular Surgery
 006 Internal Medicine
 030 Pharmacology
 LA German
 SL English

L6 ANSWER 145 OF 279 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

Full Text

RESERVED. on STN
 AN 79025894 EMBASE
 DN 1979025894
 TI [The value of enzyme-determination after cardiac surgery].
 ZUR AUSSAGEKRAFT POSTOPERATIVER SERUM-ENZYM-BESTIMMUNGEN NACH KARDIOCHIRURGISCHEN EINGRIFFEN.
 AU Krian A.; Bircks W.; Schulte H.D.
 CS Chir. Klin. B, Univ. Dusseldorf, Germany
 SO Thoracic and Cardiovascular Surgeon, (1978) 26/5 (325-330).
 CODEN: TVCHAF
 CY Germany
 DT Journal
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 029 Clinical Biochemistry
 LA German
 SL English

L6 ANSWER 146 OF 279 IFIPAT COPYRIGHT 2004 IFI on STN

Full Text

AN 02399373 IFIPAT;IFIUDB;IFICDB
 TI METHOD OF ASSESSING REPERFUSION AFTER THROMBOLYTIC **THERAPY**; DETECTING SERUM CREATINE KINASE MB LEVEL BEFORE AND DURING **THERAPY**; OBSERVING THE PRESENCE OR ABSENCE OF PAIN AT A PREDETERMINED TIME; REGRESSION MODEL
 IN Califf Robert M; Christenson Robert H; Ohman Magnus E; Sigmon Kristina N
 PA Duke University (25202)
 PI US 5246001 A 19930921 (CITED IN 006 LATER PATENTS)
 AI US 1992-860856 19920331
 FI US 5246001 19930921
 DT Utility
 FS CHEMICAL MECHANICAL
 CHEMICAL
 MECHANICAL
 GRANTED
 MRN 006166 MFN: 0050
 CLMN 16
 GI 1 Drawing Sheet(s), 1 Figure(s).

L6 ANSWER 147 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 1000627048 JICST-EPlus

STN Columbus

TI Cardiovascular Response During Exercise in Patients with
Non-Insulin-Dependent Diabetes Mellitus-Complicated Myocardial Infarction.
AU IZAWA KAZUHIRO
TANABE KAZUHIKO; OMIYA KAZUTO; YOKOYAMA YASUHIRO; SAMEJIMA HISANORI; SEKI
ATSUSHI; YAMAMOTO AKIKO; MURAYAMA MASAHIRO
ISHIGURO TOMOYASU
CS St. Marianna Univ. Hosp.
St. Marianna Univ.
Toyoko Hosp., St. Marianna Univ.
SO Rigaku Ryohogaku (Journal of Japanese Physical Therapy Association),
(2000) vol. 27, no. 3, pp. 69-74. Journal Code: Y0738A (Fig. 1, Tbl. 2,
Ref. 18)
ISSN: 0289-3770
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 148 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 990445094 JICST-EPlus
TI Surgical Results of Postinfarction Ventricular Septal Rupture.
AU FUNAKI SHIGEKI; KOYAMA TERUYUKI; OKADA TADAHIKO; TAKEI HIROSHI; YAMATE
NOBORU
KAWADA TADANORI
HIEKATA TOMIZO; OGAWA NOBORU; ABE HIROYUKI
CS St. Marianna Univ.
Showa Univ., Sch. of Med.
Yokohama-shi Seibu Hosp., St. Marianna Univ.
SO Sei Marianna Ika Daigaku Zasshi (St. Marianna Medical Journal), (1998)
vol. 26, no. 6, pp. 755-760. Journal Code: Z0605A (Fig. 3, Tbl. 4, Ref.
18)
ISSN: 0387-2289
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 149 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 981005204 JICST-EPlus
TI A Case of Acute Myocarditis Presenting Findings that Simulated Acute
Myocardial Infarction.
AU KOMAKI K; SAITO S; SARUYA T; KOJIMA T; YAJIMA J; KOTANI M; MORIUCHI M;
OZAWA Y; KANMATUSE K
CS Nihon Univ. School Of Medicine
SO Nihon Univ J Med, (1998) vol. 40, no. 5, pp. 315-321. Journal Code: F0904A
(Fig. 3, Ref. 21)
CODEN: NUMDAE; ISSN: 0546-0352
CY Japan
DT Journal; Short Communication
LA English
STA New

L6 ANSWER 150 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 980876199 JICST-EPlus
TI Clinical advantages and myocardial protection of normothermal CPB.
Comparison with hypothermal CPB.
AU UNO YOSHIMASA; HORIKOSHI SHIGEKI; EMOTO HIDETO; MIYAMOTO HISAKI; SUZUKI
HIROYUKI
CS Jikei Univ. Kashiwa Hosp.

STN Columbus

SO Jpn J Thorac Cardiovasc Surg, (1998) vol. 46, no. 8, pp. 671-676. Journal Code: Z0767A (Fig. 6, Tbl. 1, Ref. 12)
ISSN: 0369-4739
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 151 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 980739086 JICST-EPlus
TI Intra-coronary Shunt for Coronary Artery Revascularization in the Beating Heart.
AU SOGAWA MASAKAZU; SAITO AKIRA; NAMURA OSAMU; OZEKI HAJIME; MORO HISANAGA; HAYASHI JUN'ICHI
CS Niigata Univ., Sch. of Med.
SO Nippon Shinzo Kekkan Geka Gakkai Zasshi (Japanese Journal of Cardiovascular Surgery), (1998) vol. 27, no. 4, pp. 222-226. Journal Code: Y0192A (Fig. 4, Ref. 12)
ISSN: 0285-1474
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 152 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 980145998 JICST-EPlus
TI Cold versus Warm Cardioplegia. Evaluation of continuous retrograde tepid blood cardioplegia.
AU WATANABE YOSHINORI; KOYAMA NOBUYA; YOSHIHARA KATSUNORI; SHIONO NORITSUGU; YOKOMURO HIROKI; OZAWA TSUKASA; FUJII TAKESHIRO; SAKURAGAWA HIROSHI; MASUHARA HIROSHI
CS Toho Univ.
SO Teion Igaku (Low Temperature Medicine), (1997) vol. 23, no. 4, pp. 213-218. Journal Code: Y0027A (Tbl. 8, Ref. 10)
ISSN: 0285-4473
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 153 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 970731490 JICST-EPlus
TI Urgent coronary artery bypass surgery by only arterial graft for acute myocardial infarction.
AU HAYASHI SAIHO; SASAKI MASARU; KAWAMOTO JUN
CS Chugoku Rosai Hosp.
SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1997) vol. 45, no. 7, pp. 935-939. Journal Code: Z0767A (Tbl. 1, Ref. 27)
ISSN: 0369-4739
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 154 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 970699865 JICST-EPlus
TI A Case of Acute Myocardial Infarction during Intravenous Ritodrine

STN Columbus

Treatment for Preterm Labor.
 AU SAIJO YASUAKI; MATSUZAKA TOMOYUKI; HONDA HAJIME; NORO TADATAKA; KOMORI HARUMI; NAKATA TOSHIYUKI
 CS Enaru Kosei Hosp.
 SO Kokyu to Junkan (Respiration and Circulation), (1997) vol. 45, no. 8, pp. 825-828. Journal Code: Z0660A (Fig. 4, Tbl. 1, Ref. 9)
 ISSN: 0452-3458
 CY Japan
 DT Journal; Short Communication
 LA Japanese
 STA New

L6 ANSWER 155 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 970318385 JICST-EPlus
 TI Effect of supplemental L-arginine to warm blood cardioplegia. Inhibitory effect of nitric oxide on reperfusion injury.
 AU AKASU IKUTARO
 CS Kurume Univ., Fac. of Med.
 SO Kurume Igakkai Zasshi (Journal of the Kurume Medical Association), (1996) vol. 59, no. 11/12, pp. 334-343. Journal Code: F0979B (Fig. 5, Tbl. 4, Ref. 26)
 CODEN: KIZAAL; ISSN: 0368-5810
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 156 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 960808037 JICST-EPlus
 TI Accelerated ST-Segment Reduction after Thrombolytic **Therapy** with Recombinant Tissue Plasminogen Activator (rtPA) Compared to Urokinase.
 AU DERAD I; STIERLE U; GIANNITSIS E; POTRATZ J; BORN J; DJONLAGIC H; FEHM H L
 CS Univ. Luebeck, Luebeck, DEU
 SO Jpn Heart J, (1996) vol. 37, no. 1, pp. 33-41. Journal Code: Z0752A (Fig. 2, Tbl. 2, Ref. 11)
 ISSN: 0021-4868
 CY Japan
 DT Journal; Article
 LA English
 STA New

L6 ANSWER 157 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 960687559 JICST-EPlus
 TI Study on variation of serum enzymes during and after extracorporeal circulation. Relationship with intraoperative factors.
 AU MATSUI YOSHIRO; ISHII KOJI; SHIYA NORIHIKO; MURASHITA TOSHIFUMI; SASAKI SHIGEYUKI; SAKUMA MAKOTO; YASUDA KEISHU
 CS Hokkaido Univ.
 SO Jinko Zoki, Nippon Jinko Zoki Gakkai (Japanese Journal of Artificial Organs), (1996) vol. 25, no. 1, pp. 60-62. Journal Code: Z0557B (Fig. 4, Ref. 8)
 ISSN: 0300-0818
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 158 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

STN Columbus

AN 960128779 JICST-EPlus
 TI A Case of Shower Embolism Using IABP on a Patient Undergoing Hemodialysis Who Had Acute Myocardial Infarction.
 AU KISHI HISAYO; HIROOKA KEIJI; YASUDA TAKENORI; TANIGUCHI TOKUSHI; OKADA TAKEO; IKE SHINPEI; CHIN WAKATOMI; ASAO MASATO; HAYASHI TOORU
 CS Osaka National Hospital
 SO Iryo (Japanese Journal of National Medical Services), (1995) vol. 49, no. 12, pp. 1033-1035. Journal Code: F0707A (Fig. 2, Tbl. 1)
 CODEN: IRYOAV; ISSN: 0021-1699
 CY Japan
 DT Journal; Short Communication
 LA Japanese
 STA New

L6 ANSWER 159 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 950699316 JICST-EPlus
 TI Clinical study on the ideal temperature of blood cardioplegic solution in coronary artery bypass graft surgery.
 AU NATSUAKI MASAFUMI; ITO TSUYOSHI; TOMITA SHINJI; YOSHIKAI MASARU; NORITA HIROAKI; SUDA HISAO
 CS Saga Med. Sch.
 SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1995) vol. 43, no. 7, pp. 990-996. Journal Code: Z0767A (Fig. 2, Tbl. 4, Ref. 17)
 ISSN: 0369-4739
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 160 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 950119519 JICST-EPlus
 TI The Study of the biochemical markers for Acute Myocardial Infarction.
 AU HIGUCHI MARIKO; NABEOKA KATSUKO; YAMADA TOMOMI
 CS Shizuoka Saiseikai Gen. Hosp.
 SO Shizuoka Saiseikai Sogo Byoin Igaku Zasshi (Journal of Shizuoka Saisei Medicine), (1994) vol. 11, no. 1, pp. 39-46. Journal Code: G0634B (Fig. 6, Tbl. 4, Ref. 6)
 ISSN: 0912-1137
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 161 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940955444 JICST-EPlus
 TI The efficacy of both antegrade and retrograde cardioplegia in coronary artery bypass surgery.
 AU YAMAGUCHI AKIMITSU; KITAMURA NOBUO; KIMURA SHUN'ICHI; IRIE HIROSHI; KO TOKUMITSU; SHUNTO KEISUKE
 CS Osaka National Hospital
 SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1994) vol. 42, no. 10, pp. 1916-1924. Journal Code: Z0767A (Fig. 6, Tbl. 3, Ref. 32)
 ISSN: 0369-4739
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

STN Columbus

L6 ANSWER 162 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940941803 JICST-EPlus
 TI Estimation of Myocardial Damage after Cardiac Surgery by Myosin Light Chain I and Troponin T.
 AU UCHINO TAKASHI; ISHIMARU SHIN; FURUKAWA KIN'ICHI
 WILLIAM-OLSSON G
 CS Tokyo Medical College
 Yoteboridai
 SO Kyobu Geka (Japanese Journal of Thoracic Surgery), (1994) vol. 47, no. 12, pp. 965-969. Journal Code: Z0662A (Fig. 3, Tbl. 2, Ref. 17)
 ISSN: 0021-5252
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 163 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940687324 JICST-EPlus
 TI Myocardial protection during multiple coronary artery bypass grafting. A comparison of antegrade and combined antegrade-retrograde cardioplegia.
 AU KOBAYASHI SHUICHI; KITAMURA SOICHIRO; KAWACHI KANJI; MORITA RYUICHI; TANIGUCHI SHIGEKI; FUKUTOMI MASAOKI; NIWAYA KAZUO; SAKAGUCHI HIDEHITO; TSUJI TSUYOSHI
 CS Nara Med. Univ.
 SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1994) vol. 42, no. 7, pp. 997-1002. Journal Code: Z0767A (Fig. 4, Tbl. 5, Ref. 11)
 ISSN: 0369-4739
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 164 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940582670 JICST-EPlus
 TI Serum cardiac markers in hemodialysis patients.
 AU TERAOKA SETSUO; NAKAO TOSHIYUKI
 CS Tokyo Medical College
 SO Nippon Toseki Igakkai Zasshi (Journal of Japanese Society for Dialysis Therapy), (1994) vol. 27, no. 6, pp. 955-960. Journal Code: X0954A (Fig. 3, Tbl. 3, Ref. 16)
 ISSN: 1340-3451
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 165 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940556500 JICST-EPlus
 TI Changes of Cytokines During Open-heart Surgery with Cardiopulmonary Bypass.
 AU KAWAMURA TAKAE; INADA KATSUYA; KIMURA OKA; OKADA KAZUTOSHI; WAKUSAWA REIJI
 CS Iwate Med. Univ., Sch. of Med.
 SO Nippon Rinsho Masui Gakkaishi (Journal of Japan Society for Clinical Anesthesia), (1994) vol. 14, no. 5, pp. 413-419. Journal Code: Y0691A (Fig. 5, Tbl. 3, Ref. 19)
 ISSN: 0285-4945

STN Columbus

CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 166 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940500400 JICST-EPlus
TI The effects of a leukocyte removal filter during cold blood cardioplegia.
AU ICHIHARA TOSHIHIKO; YASUURA KENZO; ABE TOSHIO
CS Nagoya Univ., Sch. of Med.
SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1994) vol. 42, no. 4, pp. 531-536. Journal Code: Z0767A (Fig. 4, Tbl. 3, Ref. 16)
ISSN: 0369-4739

CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 167 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940331084 JICST-EPlus
TI Coronary Artery Spasm after Mitral Valve Replacement: A Case Report.
AU KANNO MEGUMU; KURIHARA HISAO; SATO MASATO; HAMAWAKI MASAYOSHI; HONDA MASATOMO
CS Hondakinen Tohokujunkankikabyoin
SO Kyobu Geka (Japanese Journal of Thoracic Surgery), (1994) vol. 47, no. 4, pp. 315-318. Journal Code: Z0662A (Fig. 6, Ref. 8)
ISSN: 0021-5252

CY Japan
DT Journal; Commentary
LA Japanese
STA New

L6 ANSWER 168 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 940297383 JICST-EPlus
TI Advantages of combined antegrade/retrograde GIK cardioplegia for coronary artery bypass surgery.
AU MOIZUMI YOSHIMASA; OSAKA KENSHI; AKASAKA JUN'ETSU; KONDO SHUN'ICHI; SHIMIZU MASAYUKI; UCHIYAMA TETSUYUKI; IMAI YOSHIMICHI; KUMAGAI TOMOKO; SUZUKI ICHIRO
CS Sendai City Medical Center
SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1994) vol. 42, no. 2, pp. 198-205. Journal Code: Z0767A (Fig. 6, Tbl. 4, Ref. 25)
ISSN: 0369-4739

CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 169 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 930951150 JICST-EPlus
TI Clinical Effects of Intra-Aortic Balloon Pumping(IABP) by Emergency Aorto-Coronary Bypass Operation After Percutaneous Transluminal Coronary Angioplasty.
AU WATANABE YOSHINORI
CS Toho Univ., School of Medicine
SO Toho Igakkai Zasshi (Journal of the Medical Society of Toho University),

STN Columbus

(1993) vol. 40, no. 3, pp. 326-335. Journal Code: G0654A (Fig. 6, Tbl. 4, Ref. 20)

CODEN: TOIZAG; ISSN: 0040-8670

CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 170 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 930921433 JICST-EPlus
TI Prominent negative T waves with QT prolongation indicate reperfusion injury and myocardial stunning.
AU HIROTA Y; KITA Y; HANADA H; ISHII K; YONEDA Y; SHIMIZU G; SUWA M; KAWAMURA K
CS Osaka Medical Coll., Osaka
SO J Cardiol, (1992) vol. 22, no. 2/3, pp. 325-340. Journal Code: Y0264A (Fig. 11, Tbl. 6, Ref. 33)
ISSN: 0914-5087
CY Japan
DT Journal; Article
LA English
STA New

L6 ANSWER 171 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 930681045 JICST-EPlus
TI Effect of the Myocardial Protection Method in Patients with Ischemic Heart Disease: Relation of Duration of Aortic Cross Clamping to the Postoperative Severity of Myocardial Damage and Left Ventricular Impairment.
AU TAMURA SUSUMU
CS Toho Univ., School of Medicine, Ohashi Hospital
SO Toho Igakkai Zasshi (Journal of the Medical Society of Toho University), (1993) vol. 40, no. 2, pp. 196-209. Journal Code: G0654A (Fig. 8, Tbl. 11, Ref. 28)
CODEN: TOIZAG; ISSN: 0040-8670
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 172 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 930378675 JICST-EPlus
TI A clinical trial of recombinant human superoxide dismutase for myocardial protection.
AU TAKEMURA TAKAHIRO
CS Tokyo Women's Medical College, Heart Inst. of Japan
SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1993) vol. 41, no. 2, pp. 247-253. Journal Code: Z0767A (Fig. 8, Tbl. 1, Ref. 22)
ISSN: 0369-4739
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 173 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 930210051 JICST-EPlus
TI The effect of human superoxide dismutase on reperfusion injury in clinical

STN Columbus

cases.
 AU TAKATA KOJI
 CS Okayama Univ., School of Medicine
 SO Okayama Igakkai Zasshi, (1992) vol. 104, no. 11-12, pp. 1127-1134. Journal Code: Z0158B (Fig. 5, Tbl. 3, Ref. 31)
 ISSN: 0030-1558
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 174 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 920587221 JICST-EPlus
 TI Coronary air embolism during the mitral regurgitation tests.
 AU IMOTO YUTAKA; SESE AKIRA; UENO YASUTAKA; TODOROKI HARUTOMO; OE MASAHIRO; TANAKA KEN'ICHIRO; MASAKI HIDETO
 CS Kyushu Kosei Nenkin Hospital
 SO Kosei Nenkin Byoin Nenpo (Annual Bulletin of Kosei-Nenkin Hospitals), (1992) vol. 18(1991), pp. 103-108. Journal Code: Y0366A (Fig. 2, Tbl. 1, Ref. 6)
 ISSN: 0388-2314
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 175 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 920367194 JICST-EPlus
 TI A Case of Unstable **Angina** Pectoris Associated with an Active Phase of Polymyositis.
 AU YASU TAKANORI
 NONOGI HIROSHI; OSHIMA SHUICHI; DAIKOKU SATOSHI; HAZE KAZUO
 CS Jichiidai Omiyairyose
 National Cardiovascular Center
 SO Kokyu to Junkan (Respiration and Circulation), (1992) vol. 40, no. 5, pp. 491-494. Journal Code: Z0660A (Fig. 3, Ref. 9)
 ISSN: 0452-3458
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 176 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 900873005 JICST-EPlus
 TI Combined method of anti- and retrograde perfusion of cardioplegia.
 AU KINOSHITA KAZUHIKO; SAKAMOTO MASATO; MASUDA MUNETAKA; MAYUMI HISANORI; ASO TOSHIHIDE; MATSUZAKI HIROSHI; KAWACHI YOSHITO; TOKUNAGA KOICHI
 CS Kyushu Univ., Faculty of Medicine
 SO Nippon Geka Gakkai Zasshi (Journal of Japan Surgical Society), (1990) vol. 91, no. 9, pp. 1430-1433. Journal Code: Z0009B (Fig. 3, Tbl. 1, Ref. 5)
 ISSN: 0301-4894
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 177 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 900447164 JICST-EPlus

STN Columbus

TI Clinical study on the use of retrograde cardioplegia with St. Thomas' hispital solution.
 AU SAKURADA TOORU; KURIBAYASHI YOSHIMASA; SEKINE SATOYUKI; AIDA HIROAKI; SEKI KEIJI; GOTO YOSHIKAZU; SHIBATA YOSHIKI; MEGURO AKIRA; ABE TADAAKI
 CS Akita Univ.
 SO Kyobu Geka (Japanese Journal of Thoracic Surgery), (1990) vol. 43, no. 5, pp. 342-347. Journal Code: Z0662A (Fig. 3, Tbl. 4, Ref. 17)
 ISSN: 0021-5252
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 178 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 900442718 JICST-EPlus
 TI Evaluation of myocardial protection with DBcAMP in crystalloid cardioplegic solutions.
 AU ISHIKURA YOSHIYA; ODAGIRI SHIGETO; SHIMAZU AKIRA; TOKUNAGA HIROYUKI; SHIMOKAWAJI MASATAKE; YOSHIMATSU HIROSHI
 CS Univ. of Occupational and Environmental Health
 SO Rinsho Kyobu Geka (Japanese Annals of Thoracic Surgery), (1989) vol. 9, no. 6, pp. 559-563. Journal Code: Y0501A (Fig. 4, Tbl. 3, Ref. 17)
 ISSN: 0389-7893
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 179 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 900163680 JICST-EPlus
 TI Role of PMN elastase on ischemic myocardial injury in evolving myocardial infarction: Correlation with clinical parameters and intervention by protease inhibitor ulinastatin.
 AU SHIMAI S; TAKANO T; SEINO Y; TANAKA K; HAYAKAWA H
 CS Nippon Medical School, Tokyo, JPN
 SO Jpn Circ J, (1989) vol. 53, no. 9, pp. 1144-1151. Journal Code: F0908A (Fig. 6, Tbl. 4, Ref. 15)
 CODEN: NJUGAK; ISSN: 0047-1828
 CY Japan
 DT Journal; Article
 LA English
 STA New

L6 ANSWER 180 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 890480721 JICST-EPlus
 TI Report of a case of lung cancer with metastasis to the myocardium which showed electrocardiographic findings similar to acute myocardial infarction and intramyocardial mass on echocardiography.
 AU DAZAI YASUNOBU; KATOH ICHIJIRO; SUEDA SHOUZO; KATOH TOSHIKAZU; YOSHIDA RYOICHI
 FUJII MASAFUMI
 KAZATANI SACHIO
 CS Yawatahama City General Hospital
 National Shikoku Cancer Center Hospital
 Ehime Univ., School of Medicine
 SO Kokyu to Junkan (Respiration and Circulation), (1989) vol. 37, no. 4, pp. 461-465. Journal Code: Z0660A (Fig. 5, Ref. 18)
 ISSN: 0452-3458
 CY Japan

STN Columbus

DT Journal; Article
LA Japanese
STA New

L6 ANSWER 181 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 890208376 JICST-EPlus
TI The efficacy of myocardial protection with prolonged aortic cross-clamping.
AU FUJIOKA YASUTADA; SONEDA JUN'ICHI; BAN TOSHIHIKO; OKAMOTO YOSHIFUMI; MATSUDA TOSHIHIKO; HIRATA KAZUO; KIYOTA YOSHIHARU; JINNO KIMIO; OGINO HITOSHI
CS Kyoto Univ., Faculty of Medicine, Hospital
SO Rinsho Kyobu Geka (Japanese Annals of Thoracic Surgery), (1988) vol. 8, no. 2, pp. 170-173. Journal Code: Y0501A (Fig. 2, Tbl. 3, Ref. 5)
ISSN: 0389-7893
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 182 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 890154053 JICST-EPlus
TI The beneficial effects of intravenous bolus injection of urokinase followed by conventional selective intracoronary thrombolysis.
AU YAHAGI TOMOYASU; ARAKI TAKAO; MIURA TAMIO; GOTO TOSHIKAZU; SAITO HIROAKI; OHYAMA TAKETSUGU; MATSUI MOTOYUKI; SUZUKI MASAYUKI; SAITO MIKIO
CS Yamagata Prefect. Central Hospital
SO Kokyu to Junkan (Respiration and Circulation), (1988) vol. 36, no. 5, pp. 517-523. Journal Code: Z0660A (Fig. 9, Ref. 20)
ISSN: 0452-3458
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 183 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 880320268 JICST-EPlus
TI Assessment by total released CPK-MB in patients with acute myocardial infarction.
AU KOBAYASHI TOYOKAZU; ISHIKAWA NOBORU; KIMPARA TOSHIYUKI; KITAYAMA MASAHIKO; MIURA AKIRA; INAGAKI MASAO; NISHIOKA AKINORI; WADA TAIZO; KOTOURA HAJIME
CS Wakayama Red Cross Hospital
SO Med J Wakayama Red Cross Hosp, (1987) vol. 5, pp. 92-97. Journal Code: G0717B (Fig. 4, Ref. 22)
ISSN: 0289-1026
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 184 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 880053884 JICST-EPlus
TI Intravenous short-term coronary thrombolysis by a high-dose urokinase in aged patients with acute myocardial infarction.
AU SAKAI MAKOTO; UEDA KEIJI; KURAMOTO KIZUKU
MATSUSHITA SATORU
CS Tokyotorojin'iryose
Tokyo Metrop. Tama Geriatric Hospital

STN Columbus

SO Nippon Ronen Igakkai Zasshi (Japanese Journal of Geriatrics), (1987) vol. 24, no. 4, pp. 354-360. Journal Code: Z0680A (Fig. 4, Tbl. 2, Ref. 13)
ISSN: 0300-9173
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 185 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 870343841 JICST-EPlus
TI Studies on alterations of serum CK enzymes during acute stage of myocardial infarction.
AU YOSHII YUZURU
CS Yokohamashidai I
SO Yokohama Igaku (Yokohama Medical Journal), (1987) vol. 38, no. 1, pp. 1-8.
Journal Code: G0703A (Fig. 10, Tbl. 3, Ref. 24)
CODEN: YKIGAK; ISSN: 0372-7726
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 186 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 870289187 JICST-EPlus
TI The effect of pharmacological pretreatment on the long-term globally ischemic heart. Lysosome, cyclic nucleotide and myocardial injury.
AU YOKOYAMA MOTOKI
CS Tokyo Medical and Dental Univ.
SO Nippon Geka Gakkai Zasshi (Journal of Japan Surgical Society), (1987) vol. 88, no. 1, pp. 109-118. Journal Code: Z0009B (Fig. 6, Tbl. 2, Ref. 31)
ISSN: 0301-4894
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 187 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 850398181 JICST-EPlus
TI Myocardial protection on multibypass surgery of ischemic heart disease - The value of **CK-MB** measurement in time-interval.
AU NATSUAKI MASAFUMI; ITOH TSUYOSHI; YAMAMOTO HIROSHI; MINATO NAOKI; WATANABE KENSUKE; MIYAMOTO TADAOMI
CS Saga Medical School
SO Nippon Kyobu Geka Gakkai Zasshi (Journal of the Japanese Association for Thoracic Surgery), (1985) vol. 33, no. 4, pp. 434-440. Journal Code: Z0767A (Fig. 3, Tbl. 3, Ref. 20)
ISSN: 0369-4739
CY Japan
DT Journal; Article
LA Japanese
STA New

L6 ANSWER 188 OF 279 JICST-EPlus COPYRIGHT 2004 JST on STN

Full Text

AN 850310295 JICST-EPlus
TI Intracoronary thrombolysis: Effects of reperfusion of infarct size assessed by thallium-201 emission tomography and serum **CK-MB** release.
AU TAMAKI SHUNICHI; KADOTA KAZUNORI
KAMBARA HIROFUMI; MURAKAMI TOMOYUKI; NOHARA RYUJI; SUZUKI YUKISONO;

STN Columbus

KISHIMOTO CHIHARU; TAKATSU YOSHIKI; HATTORI RYUICHI
 CS Takedabyoin
 Kyoto Univ., Faculty of Medicine
 SO Saishin Igaku, (1984) vol. 39, no. 10, pp. 2212-2216. Journal Code: Z0358A
 (Fig. 6, Ref. 16)
 CODEN: SAIGAK; ISSN: 0370-8241
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L6 ANSWER 189 OF 279 MEDLINE on STN

Full Text

AN 2002063463 MEDLINE
 DN PubMed ID: 11789206
 TI Clinical study of Astragalus injection plus ligustrazine in protecting
myocardial ischemia reperfusion injury.
 AU Zhou S; Shao W; Zhang W
 CS Shandong University of Traditional Chinese Medicine, Jinan (250014).
 SO Zhongguo zhong xi yi jie he za zhi Zhongguo Zhongxiyi jiehe zazhi =
 Chinese journal of integrated traditional and Western medicine / Zhongguo
 Zhong xi yi jie he xue hui, Zhongguo Zhong yi yan jiu yuan zhu ban, (2000
Jul) 20 (7) 504-7.
 Journal code: 9211576. ISSN: 1003-5370.
 CY China
 DT (CLINICAL TRIAL)
 (RANDOMIZED CONTROLLED TRIAL)
 LA Chinese
 FS Priority Journals
 EM 200206
 ED Entered STN: 20020125
 Last Updated on STN: 20020612
 Entered Medline: 20020611

L6 ANSWER 190 OF 279 MEDLINE on STN

Full Text

AN 2001203041 MEDLINE
 DN PubMed ID: 11171480
 TI [ST-segment and myocardial enzymes evolution during myocardial infarction
 after fibrinolysis **therapy** and its relation with postinfarction
angina, Killip class and mortality in intensive unit care].
 Evolucion del segmento ST y las enzimas cardiacas en el infarto agudo de
 miocardio con fibrinolisis y su relacion con la **angina** postinfarto, el
 indice de Killip y la mortalidad durante el ingreso en cuidados
 intensivos.
 AU Fernandez-Berges D; Cerdeyra Lombardini C; Palomo Cobos L; Alzugaray Fraga
 R; Veiga Gonzalez M; Corcho Sanchez G; Daud Guido S; Jose Zaro Bastanzuri
 M; Cordoba Lopez A; Monterrubio Villar J
 CS Unidad de Cuidados Intensivos, Hospital Comarcal Don Benito-Villanueva,
 Badajoz.. polonibo@wanadoo.es
 SO Revista espanola de cardiologia, (2000 Dec) 53 (12) 1583-8.
 Journal code: 0404277. ISSN: 0300-8932.
 CY Spain
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA Spanish
 FS Priority Journals
 EM 200104
 ED Entered STN: 20010417
 Last Updated on STN: 20010417
 Entered Medline: 20010412

STN Columbus

L6 ANSWER 191 OF 279 MEDLINE on STN

Full Text

AN 2001203040 MEDLINE
 DN PubMed ID: 11171479
 TI [In-hospital evolution and current prognosis of unstable **angina**].
 Evolucion hospitalaria y pronostico actual de la **angina** inestable.
 AU Sionis Green A; Bosch X; Miranda-Guardiola F; Anguera I; Sitges M;
 Diez-Aja S; Sanz G; Betriu A
 CS Institut de Malalties Cardiovasculars, Hospital Clinic, Institut
 d'Investigacions Biomediques Agusti Pi i Sunyer Departament de Medicina,
 Universitat de Barcelona.
 SO Revista espanola de cardiologia, (2000 Dec) 53 (12) 1573-82.
 Journal code: 0404277. ISSN: 0300-8932.
 CY Spain
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA Spanish
 FS Priority Journals
 EM 200104
 ED Entered STN: 20010417
 Last Updated on STN: 20010417
 Entered Medline: 20010412

L6 ANSWER 192 OF 279 MEDLINE on STN

Full Text

AN 1999319079 MEDLINE
 DN PubMed ID: 10390295
 TI Pediatric myocardial infarction after racemic epinephrine administration.
 AU Butte M J; Nguyen B X; Hutchison T J; Wiggins J W; Ziegler J W
 CS Graduate Group in Biophysics, University of California San Francisco, San
 Francisco, California, USA.
 SO Pediatrics, (1999 Jul) 104 (1) e9.
 Journal code: 0376422. ISSN: 1098-4275.
 CY United States
 DT (CASE REPORTS)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199907
 ED Entered STN: 19990727
 Last Updated on STN: 20010521
 Entered Medline: 19990712

L6 ANSWER 193 OF 279 MEDLINE on STN

Full Text

AN 1999317436 MEDLINE
 DN PubMed ID: 10389205
 TI Biochemical markers of cardiac damage: from traditional enzymes to
 cardiac-specific proteins. IFCC Subcommittee on Standardization of Cardiac
 Markers (S-SCM).
 AU Wu A H
 CS Department of Pathology, Hartford Hospital, CT 06102, USA..
awu@harthosp.org
 SO Scandinavian journal of clinical and laboratory investigation.
 Supplementum, (1999) 230 74-82. Ref: 44
 Journal code: 2984789R. ISSN: 0085-591X.
 CY Norway
 DT Conference; (CONSENSUS DEVELOPMENT CONFERENCE)
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 LA English
 FS Priority Journals

STN Columbus

EM 199908
ED Entered STN: 19990910
Last Updated on STN: 19990910
Entered Medline: 19990824

L6 ANSWER 194 OF 279 MEDLINE on STN

Full Text

AN 1998367201 MEDLINE
DN PubMed ID: 9701879
TI [Early evaluation of results from systemic thrombolysis in acute **myocardial infarct**: the value of troponin I].
Valutazione precoce del risultato della trombolisi sistemica nell'infarto miocardico acuto: valore della troponina I.
AU Giraldi F; Grazi S; Guazzi M D
CS Istituto di Cardiologia, Universit degli Studi, Centro di Studio per le Ricerche Cardiovascolari del CNR, Centro Centro Cardiologico-Fondazione Monzino, IRCCS, Milano.
SO Cardiologia (Rome, Italy), (1998 May) 43 (5) 485-91.
Journal code: 8506637. ISSN: 0393-1978.
CY Italy
DT (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LA Italian
FS Priority Journals
EM 199809
ED Entered STN: 19980925
Last Updated on STN: 19980925
Entered Medline: 19980916

L6 ANSWER 195 OF 279 MEDLINE on STN

Full Text

AN 1998314187 MEDLINE
DN PubMed ID: 9650501
TI [Levels of **CK MB** mass in patients with acute **myocardial infarct** treated with fibrinolysis. Comparison with levels of CK, CKMB, CKMB mass and troponin T in the diagnosis of coronary ischemia].
Hodnoty **CK MB** mass u nemocnych s akutnim infarktem myokardu lecených fibrinolýzou. Srovnání významu hodnot CK, CKMB, CKMB mass a troponinu T pro stanovení diagnózy ischemických srdečních příhod.
AU Bastecky J; Vavrova J; Palicka V; Ettlerova E; Wasyliwova V; Rehacek V
CS I. interni klinika FN, Hradec Kralove.
SO Vnitřní lékařství, (1997 Nov) 43 (11) 715-21.
Journal code: 0413602. ISSN: 0042-773X.
CY Czech Republic
DT Journal; Article; (JOURNAL ARTICLE)
LA Czech
FS Priority Journals
EM 199808
ED Entered STN: 19980828
Last Updated on STN: 19990129
Entered Medline: 19980820

L6 ANSWER 196 OF 279 MEDLINE on STN

Full Text

AN 1998249023 MEDLINE
DN PubMed ID: 9587442
TI [Prognostic significance of early raised cardiac troponine I in unstable **angina**. Contribution to the identification of a high-risk sub-group].
Signification pronostique de l'elevation precoce de la troponine I cardiaque chez les patients en angor instable. Contribution a l'identification d'un sous-groupe a haut-risque.
AU Bertinchant J P; Laperche T; Polge A; Raczka F; Beyne P; Ledermann B;

STN Columbus

Himbert D; Pernel I; Nigond J; Cohen-Solal A
 CS Service de cardiologie et de biochimie, centre hospitalier universitaire de Nimes.
 SO Archives des maladies du coeur et des vaisseaux, (1997 Dec) 90 (12) 1615-22.
 Journal code: 0406011. ISSN: 0003-9683.
 CY France
 DT Journal; Article; (JOURNAL ARTICLE)
 LA French
 FS Priority Journals
 EM 199806
 ED Entered STN: 19980611
 Last Updated on STN: 19980611
 Entered Medline: 19980603

L6 ANSWER 197 OF 279 MEDLINE on STN

Full Text

AN 1998241017 MEDLINE
 DN PubMed ID: 9581861
 TI The use of biochemical markers in ischaemic heart disease: summary of the roundtable and extrapolations.
 AU Henderson A R; Gerhardt W; Apple F S
 CS Department of Biochemistry, University of Western Ontario, London, Canada.. ahenders@julian.uwo.ca
 SO Clinica chimica acta; international journal of clinical chemistry, (1998 Apr 6) 272 (1) 93-100.
 Journal code: 1302422. ISSN: 0009-8981.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199806
 ED Entered STN: 19980618
 Last Updated on STN: 19990129
 Entered Medline: 19980608

L6 ANSWER 198 OF 279 MEDLINE on STN

Full Text

AN 1998162297 MEDLINE
 DN PubMed ID: 9501676
 TI [The influence of electrical cardioversion on left ventricular systolic function, left atrial size, ANP levels and enzymatic activity of CPK and CD-MB in serum of patients with paroxysmal atrial fibrillation].
 Wplyw kardiowersji elektrycznej na czynnosc lewej komory serca, wielkosc lewego przedsionka oraz stezenie ANP i aktywnosc enzymatyczna CPK i CK-MB w surowicy u chorych na napadowe migotanie przedsionkow.
 AU Spring A; Kosmala W; Mysiak A
 CS Katedry i Kliniki Kardiologii, Akademii Medycznej we Wroclawiu.
 SO Przegląd lekarski, (1997) 54 (9) 585-90.
 Journal code: 19840720R. ISSN: 0033-2240.
 CY Poland
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA Polish
 FS Priority Journals
 EM 199804
 ED Entered STN: 19980430
 Last Updated on STN: 19980430
 Entered Medline: 19980423

L6 ANSWER 199 OF 279 MEDLINE on STN

Full Text

STN Columbus

AN 1998098747 MEDLINE
 DN PubMed ID: 9446061
 TI [Non-invasive evaluation of coronary reperfusion. Analysis of the ST segment before and after thrombolysis in acute **myocardial infarct**].
 Valutazione non invasiva della riperfusione coronarica. Analisi del tratto ST prima e dopo trombolisi durante infarto miocardico acuto.
 AU Garini A; Astorri E; Bonifazi C; Pedroni P; Fadin B M; Distante R
 CS Divisione di Cardiologia, Azienda Istituti Ospitalieri di Cremona.
 SO Minerva cardioangiologica, (1997 Sep) 45 (9) 407-14. Ref: 25
 Journal code: 0400725. ISSN: 0026-4725.
 CY Italy
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA Italian
 FS Priority Journals
 EM 199801
 ED Entered STN: 19980206
 Last Updated on STN: 19980206
 Entered Medline: 19980129

L6 ANSWER 200 OF 279 MEDLINE on STN

Full Text

AN 1998081141 MEDLINE
 DN PubMed ID: 9463058
 TI [Effects on high resolution electrocardiogram of coronary angioplasty in acute **myocardial infarct**].
 Effetti sull'elettrocardiogramma ad alta risoluzione dell'angioplastica coronarica nell'infarto miocardico acuto.
 AU Bruna C; Vado A; Rossetti G; Racca E; Steffenino G; Dellavalle A;
 Ribichini F; Ferrero V; Uslenghi E
 CS Divisione di Cardiologia e Servizio di Emodinamica, Ospedale S Croce,
 Cuneo.
 SO Giornale italiano di cardiologia, (1997 Nov) 27 (11) 1144-52.
 Journal code: 1270331. ISSN: 0046-5968.
 CY Italy
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Italian
 FS Priority Journals
 EM 199802
 ED Entered STN: 19980224
 Last Updated on STN: 20000303
 Entered Medline: 19980209

L6 ANSWER 201 OF 279 MEDLINE on STN

Full Text

AN 97363885 MEDLINE
 DN PubMed ID: 9220177
 TI Use of cardiac troponin T rapid assay in the diagnosis of a myocardial injury secondary to electrical cardioversion.
 AU Garre L; Alvarez A; Rubio M; Pellegrini A; Caridi M; Berardi A; Lazzaro C;
 Blanco P; Menehem C; Diaz M
 CS Coronary Care Unit, Hospital Naval Pedro Mallo, Buenos Aires, Argentina.
 SO Clinical cardiology, (1997 Jul) 20 (7) 619-21.
 Journal code: 7903272. ISSN: 0160-9289.
 CY United States
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199709
 ED Entered STN: 19970916

STN Columbus

Last Updated on STN: 19990129

Entered Medline: 19970904

L6 ANSWER 202 OF 279 MEDLINE on STN

Full Text

AN 97334883 MEDLINE

DN PubMed ID: 9191549

TI Cardiac troponin I, cardiac troponin T, and creatine kinase MB in dialysis patients without ischemic heart disease: evidence of cardiac troponin T expression in skeletal muscle.

CM Comment in: Clin Chem. 1998 Feb;44(2):358-9. PubMed ID: 9474043

Comment in: Clin Chem. 2000 Mar;46(3):432-5. PubMed ID: 10702539

AU McLaurin M D; Apple F S; Voss E M; Herzog C A; Sharkey S W

CS Department of Medicine, Hennepin County Medical Center, Minneapolis, MN 55415, USA.

SO Clinical chemistry, (1997 Jun) 43 (6 Pt 1) 976-82.

Journal code: 9421549. ISSN: 0009-9147.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199707

ED Entered STN: 19970724

Last Updated on STN: 20000525

Entered Medline: 19970714

L6 ANSWER 203 OF 279 MEDLINE on STN

Full Text

AN 97208185 MEDLINE

DN PubMed ID: 9055387

TI Biochemical markers of myocardial damage for early diagnosis and prognosis in patients with acute coronary syndromes. Minireview based on a doctoral thesis.

AU Lindahl B

CS Department of Cardiology, University Hospital, Uppsala, Sweden.

SO Upsala journal of medical sciences, (1996) 101 (3) 193-232. Ref: 210

Journal code: 0332203. ISSN: 0300-9734.

CY Sweden

DT Journal; Article; (JOURNAL ARTICLE)

General Review; (REVIEW)

(REVIEW, TUTORIAL)

LA English

FS Priority Journals

EM 199705

ED Entered STN: 19970609

Last Updated on STN: 19990129

Entered Medline: 19970523

L6 ANSWER 204 OF 279 MEDLINE on STN

Full Text

AN 97052275 MEDLINE

DN PubMed ID: 8896910

TI Factors associated with the release of cardiac troponin T following percutaneous transluminal coronary angioplasty.

AU Abbas S A; Glazier J J; Wu A H; Dupont C; Green S F; Pearsall L A; Waters D D; McKay R G

CS Department of Medicine, Hartford Hospital, University of Connecticut, Connecticut, USA.

SO Clinical cardiology, (1996 Oct) 19 (10) 782-6.

Journal code: 7903272. ISSN: 0160-9289.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

STN Columbus

LA English
 FS Priority Journals
 EM 199702
 ED Entered STN: 19970227
 Last Updated on STN: 19990129
 Entered Medline: 19970213

L6 ANSWER 205 OF 279 MEDLINE on STN

Full Text

AN 97009931 MEDLINE
 DN PubMed ID: 8967018
 TI [Changes in troponin T levels in patients with acute **myocardial infarct** treated with fibrinolysis].
 Zmeny hladiny troponinu T u nemocnych s akutnim infarktem myokardu lecenych fibrinolyzou.
 AU Bastecky J; Palicka V; Vavrova J; Ettlerova E; Wasyliwova V
 CS I. interni klinika FN Hradec Kralove.
 SO Vnitřní lékařství, (1996 Aug) 42 (8) 519-23.
 Journal code: 0413602. ISSN: 0042-773X.
 CY Czech Republic
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Czech
 FS Priority Journals
 EM 199612
 ED Entered STN: 19970128
 Last Updated on STN: 19990129
 Entered Medline: 19961205

L6 ANSWER 206 OF 279 MEDLINE on STN

Full Text

AN 96363167 MEDLINE
 DN PubMed ID: 8749964
 TI Prospective assessment of presenting serum markers for cardiac risk stratification.
 AU Hedges J R; Swanson J R; Heeter C; Sherer M
 CS Department of Emergency Medicine, Oregon Health Sciences University, Portland 97201-3098, USA.
 SO Academic emergency medicine : official journal of the Society for Academic Emergency Medicine, (1996 Jan) 3 (1) 27-33.
 Journal code: 9418450. ISSN: 1069-6563.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199610
 ED Entered STN: 19961106
 Last Updated on STN: 19961106
 Entered Medline: 19961022

L6 ANSWER 207 OF 279 MEDLINE on STN

Full Text

AN 96085848 MEDLINE
 DN PubMed ID: 7498633
 TI [Urinary albumin excretion increases during an acute **myocardial infarct** especially in patients who develop heart failure].
 L'escrezione urinaria di albumina aumenta durante infarto miocardico acuto soprattutto nei pazienti che sviluppano insufficienza cardiaca.
 AU Berton G; Citro T; Cordiano R; Palmieri R; De Toni R; Cucchini F; Palatini P
 CS Servizio di Cardiologia, Ospedale S. Maria dei Battuti, Conegliano Veneto, TV.
 SO Giornale italiano di cardiologia, (1995 Aug) 25 (8) 999-1009.

STN Columbus

Journal code: 1270331. ISSN: 0046-5968.
 CY Italy
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Italian
 FS Priority Journals
 EM 199601
 ED Entered STN: 19960217
 Last Updated on STN: 19960217
 Entered Medline: 19960116

L6 ANSWER 208 OF 279 MEDLINE on STN

Full Text

AN 96085831 MEDLINE
 DN PubMed ID: 8529849
 TI [Rotational atherectomy and PTCA in complex coronary lesions (B2 and C): the immediate and long-term results].
 Aterectomia rotazionale e PTCA in lesioni coronariche complesse (B2 e C): risultati immediati e a distanza.
 AU Isabella G; Ramondo A; Cardaioli P; Reimers B; Pasquetto G; Carasi M; Razzolini R; Chioin R
 CS Servizio di Emodinamica e Cardiologia Interventistica, Universita degli Studi, Padova.
 SO Giornale italiano di cardiologia, (1995 Sep) 25 (9) 1127-38.
 Journal code: 1270331. ISSN: 0046-5968.
 CY Italy
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Italian
 FS Priority Journals
 EM 199601
 ED Entered STN: 19960220
 Last Updated on STN: 19960220
 Entered Medline: 19960129

L6 ANSWER 209 OF 279 MEDLINE on STN

Full Text

AN 96041496 MEDLINE
 DN PubMed ID: 7587606
 TI Dynamic observation of alpha-granule membrane protein 140 during the treatment of thrombolytic and anticoagulant **therapy** in patients with acute myocardial infarction.
 AU Ruan J; Zhao X; Li Q
 CS Department of Medicine, Beijing the 6th Hospital.
 SO Zhonghua nei ke za zhi [Chinese journal of internal medicine], (1995 Apr) 34 (4) 253-5.
 Journal code: 16210490R. ISSN: 0578-1426.
 CY China
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 (RANDOMIZED CONTROLLED TRIAL)
 LA Chinese
 FS Priority Journals
 EM 199512
 ED Entered STN: 19960124
 Last Updated on STN: 20000303
 Entered Medline: 19951205

L6 ANSWER 210 OF 279 MEDLINE on STN

Full Text

AN 95192821 MEDLINE
 DN PubMed ID: 7886558
 TI Laboratory assessment of thrombolytic **therapy** in acute myocardial infarction.

STN Columbus

AU Talalak P; Chaithiraphan S; Opartkiattikul N; Leowattana W; Sangtawesin W; Tresukosol D
 CS Department of Clinical Pathology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand.
 SO Southeast Asian journal of tropical medicine and public health, (1993) 24 Suppl 1 144-8.
 Journal code: 0266303. ISSN: 0125-1562.
 CY Thailand
 DT (CLINICAL TRIAL)
 (CONTROLLED CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199504
 ED Entered STN: 19950425
 Last Updated on STN: 19980206
 Entered Medline: 19950413

L6 ANSWER 211 OF 279 MEDLINE on STN
Full Text
 AN 95085112 MEDLINE
 DN PubMed ID: 7992943
 TI [Role of isotopic imaging in intensive care].
 Place de l'imagerie isotopique en reanimation.
 AU Deramoudt V; Lecloirec J; Moisan A; Bourguet P; Reymann J M; Malledant Y
 CS Departement d'Anesthesie-Reanimation, CHR, Rennes.
 SO Annales francaises d'anesthesie et de reanimation, (1994) 13 (3) 360-72.
 Ref: 91
 Journal code: 8213275. ISSN: 0750-7658.
 CY France
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA French
 FS Priority Journals
 EM 199501
 ED Entered STN: 19950124
 Last Updated on STN: 19950124
 Entered Medline: 19950110

L6 ANSWER 212 OF 279 MEDLINE on STN
Full Text
 AN 94295159 MEDLINE
 DN PubMed ID: 8023469
 TI [Actilyse (a recombinant tissue-type plasminogen activator) in the treatment of acute **myocardial infarct**. Comparison of the effects of Actilyse and streptokinase].
 Preparat Actilyse (rekombinacni tkanovy typ aktivatoru plazminogenu) v lecbе akutniho infarktu myokardu. Srovnani ucinku Actilysy a Streptokinazy.
 AU Bastecky J; Kvasnicka J; Macek K; Maly J; Rozsival V; Chrobak L; Gajdosova I; Skopeckova H; Wasylivova V; Ettlerova E; +
 CS I. interni klinika FN Hradec Kralove.
 SO Vnitřni lékařství, (1994 May) 40 (5) 293-8.
 Journal code: 0413602. ISSN: 0042-773X.
 CY Czech Republic
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Czech
 FS Priority Journals
 EM 199408
 ED Entered STN: 19940815
 Last Updated on STN: 19980206

STN Columbus

Entered Medline: 19940804

L6 ANSWER 213 OF 279 MEDLINE on STN

Full Text

AN 94153171 MEDLINE

DN PubMed ID: 8110042

TI [In-hospital survival predictors in infarction patients undergoing fibrinolytic **therapy**].

Preditores da sobrevida intra-hospitalar em pacientes infartados submetidos a terapeutica fibrinolitica.

AU Nicolau J C; Pinto M A; Nogueira P R; Lorga A M; Jacob J L; Garzon S A

CS Instituto de Molestias Cardiovasculares, Sao Jose do Rio Preto.

SO Arquivos brasileiros de cardiologia, (1993 Sep) 61 (3) 143-8.

Journal code: 0421031. ISSN: 0066-782X.

CY Brazil

DT Journal; Article; (JOURNAL ARTICLE)

LA Portuguese

FS Priority Journals

EM 199403

ED Entered STN: 19940330

Last Updated on STN: 19940330

Entered Medline: 19940324

L6 ANSWER 214 OF 279 MEDLINE on STN

Full Text

AN 93282154 MEDLINE

DN PubMed ID: 8506663

TI [The optimal diagnostic approach in **myocardial infarct**].

Optimalni diagnosticky pristup k infarktu myokardu.

AU Widimsky P; Gregor P; Dvorak J; Sladkova T; Herold M; Jirmar R; Hrdlicka S

CS II. interni klinika 3. LF UK Praha.

SO Vnitřní lékařství, (1993 Feb) 39 (2) 160-5.

Journal code: 0413602. ISSN: 0042-773X.

CY Czechoslovakia

DT Journal; Article; (JOURNAL ARTICLE)

LA Czech

FS Priority Journals

EM 199307

ED Entered STN: 19930716

Last Updated on STN: 19930716

Entered Medline: 19930707

L6 ANSWER 215 OF 279 MEDLINE on STN

Full Text

AN 93241981 MEDLINE

DN PubMed ID: 1300554

TI [Prognostic value of an early peak **CK-MB** in plasma of patients treated with streptokinase for acute myocardial infarction].

Wartosc prognostyczna wczesnego szczytu aktywnosci **CK-MB** w surowicy u chorych leczonych streptokinaza w ostrym zawale serca.

AU Stanislawski J; Opolski G; Slomka K; Niemczyk M; Gorecki A; Tadeusiak W; Kraska T

CS Kliniki Kardiologii Instytutu Chorob Wewnętrznych AM, Warszawie.

SO Polskie archiwum medycyny wewnętrznej, (1992 Nov) 88 (5) 336-40.

Journal code: 0401225. ISSN: 0032-3772.

CY Poland

DT Journal; Article; (JOURNAL ARTICLE)

LA Polish

FS Priority Journals

EM 199305

ED Entered STN: 19930611

Last Updated on STN: 19930611

STN Columbus

Entered Medline: 19930525

L6 ANSWER 216 OF 279 MEDLINE on STN

Full Text

AN 93178800 MEDLINE

DN PubMed ID: 1291424

TI [Management and prognosis of acute **myocardial infarct** in advanced age: comparison of the cardiac intensive care unit and the cardiology ward].
Gestione e prognosi dell'IMA nell'eta avanzata: confronto tra UTIC e reparto cardiologico.

AU Varani E; Pirazzini L; Casanova R; Patroncini A; Maresta A

CS Servizio di Cardiologia, Ospedale per Gli infermi, Faenza.

SO Giornale italiano di cardiologia, (1992 Sep) 22 (9) 1069-75.

Journal code: 1270331. ISSN: 0046-5968.

CY Italy

DT Journal; Article; (JOURNAL ARTICLE)

LA Italian

FS Priority Journals

EM 199303

ED Entered STN: 19930416

Last Updated on STN: 19930416

Entered Medline: 19930329

L6 ANSWER 217 OF 279 MEDLINE on STN

Full Text

AN 92222620 MEDLINE

DN PubMed ID: 1807297

TI [Temporal electric stimulation and right ventricular extension in acute postero-inferior myocardial infarction. Influence on clinical characteristics and prognosis].

Estimulacion electrica temporal y extension ventricular derecha en el infarto agudo de miocardio postero-inferior. Influencia sobre las características clinicas y el pronostico.

AU Gonzalez-Juanatey J R; Garcia-Acuna J M; Amaro Cendon A; Jacquet Herter M; Pubul Nunez V; Pedreira Perez M; de la Pena M G

CS Servicio de Cardiologia, Hospital Xeral de Galicia, Facultad de Medicina, Santiago de Compostela.

SO Revista portuguesa de cardiologia : orgao oficial da Sociedade Portuguesa de Cardiologia = Portuguese journal of cardiology : an official journal of the Portuguese Society of Cardiology, (1991 Dec) 10 (12) 917-21.

Journal code: 8710716. ISSN: 0870-2551.

CY Portugal

DT Journal; Article; (JOURNAL ARTICLE)

LA Spanish

FS Priority Journals

EM 199205

ED Entered STN: 19920607

Last Updated on STN: 19920607

Entered Medline: 19920521

L6 ANSWER 218 OF 279 MEDLINE on STN

Full Text

AN 91216389 MEDLINE

DN PubMed ID: 2090526

TI [Late potentials and computerized averaging electrocardiogram in acute **myocardial infarct**: evaluation of myocardial reperfusion].

Potenziali tardivi ed elettrocardiogramma computerizzato di "averaging" nell'infarto miocardico acuto: valutazione della riperfusione miocardica.

AU Occhetta E; Sarasso G; Rossi L; Magnani A; Bolognese L; Devecchi P; Rossi P

CS Divisione di Cardiologia, Ospedale Maggiore, Novara.

SO Giornale italiano di cardiologia, (1990 Oct) 20 (10) 888-900.

STN Columbus

Journal code: 1270331. ISSN: 0046-5968.
 CY Italy
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Italian
 FS Priority Journals
 EM 199106
 ED Entered STN: 19910623
 Last Updated on STN: 19910623
 Entered Medline: 19910605

L6 ANSWER 219 OF 279 MEDLINE on STN

Full Text

AN 91144397 MEDLINE
 DN PubMed ID: 2288518
 TI [Occlusion of secondary branches after angioplasty of the left descending coronary artery].
 Oclusao de ramos secundarios apos angioplastia da arteria coronaria descendente anterior.
 AU Araujo E C; Sousa A G; Nicolela Junior E L; Cano M N; Maldonado G; Feres F; Mattos L A; Pinto I M; Tanajura L F; Fontes V F; +
 CS Instituto Dante Pazzanese de Cardiologia, Sao Paulo.
 SO Arquivos brasileiros de cardiologia, (1990 May) 54 (5) 313-7.
 Journal code: 0421031. ISSN: 0066-782X.
 CY Brazil
 DT Journal; Article; (JOURNAL ARTICLE)
 LA Portuguese
 FS Priority Journals
 EM 199103
 ED Entered STN: 19910412
 Last Updated on STN: 19910412
 Entered Medline: 19910327

L6 ANSWER 220 OF 279 MEDLINE on STN

Full Text

AN 90333714 MEDLINE
 DN PubMed ID: 2198713
 TI [Thrombolytic **therapy** in acute **myocardial infarct**. 1. Markers for evaluating effectiveness and thrombolytic substances].
 Thrombolysetherapie beim akuten Myokardinfarkt. Teil 1: Marker zur Effektivitätsbewertung und thrombolytische Substanzen.
 AU Kothe K
 CS Klinik für Innere Medizin Theodor Brugsch, Bereiches Medizin (Charité) der Humboldt-Universität, Berlin.
 SO Zeitschrift für die gesamte innere Medizin und ihre Grenzgebiete ..., (1990 Apr 1) 45 (7) 177-83. Ref: 50
 Journal code: 21730470R. ISSN: 0044-2542.
 CY GERMANY, EAST: German Democratic Republic
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA German
 FS Priority Journals
 EM 199009
 ED Entered STN: 19901012
 Last Updated on STN: 19901012
 Entered Medline: 19900904

L6 ANSWER 221 OF 279 MEDLINE on STN

Full Text

AN 87012936 MEDLINE
 DN PubMed ID: 3531704
 TI [Bolus injection of anisoylated plasminogen-streptokinase activator

STN Columbus

complex (BRL 26921) as an alternative concept of systemic lysis in acute **myocardial infarct**].

Die Bolusinjektion von anisoyliertem Plasminogen-Streptokinase-Aktivator-Komplex (BRL 26921) als alternatives Konzept der systemischen Lyse bei akutem Myokardinfarkt.

AU Doenecke P; Schwerdt H; Hellstern P; Wenzel E; Bette L

SO Klinische Wochenschrift, (1986 Aug 1) 64 (15) 682-7.

Journal code: 2985205R. ISSN: 0023-2173.

CY GERMANY, WEST: Germany, Federal Republic of

DT Journal; Article; (JOURNAL ARTICLE)

LA German

FS Priority Journals

EM 198610

ED Entered STN: 19900302

Last Updated on STN: 19900302

Entered Medline: 19861031

L6 ANSWER 222 OF 279 MEDLINE on STN

Full Text

AN 86239029 MEDLINE

DN PubMed ID: 2872794

TI Hyaluronidase **therapy** for acute myocardial infarction: results of a randomized, blinded, multicenter trial. MILIS Study Group.

AU Anonymous

NC N01-HV-7-2940 (NHLBI)

N01-HV-7-2941 (NHLBI)

N01-HV-7-2942 (NHLBI)

+

SO American journal of cardiology, (1986 Jun 1) 57 (15) 1236-43.

Journal code: 0207277. ISSN: 0002-9149.

CY United States

DT (CLINICAL TRIAL)

Journal; Article; (JOURNAL ARTICLE)

(RANDOMIZED CONTROLLED TRIAL)

LA English

FS Abridged Index Medicus Journals; Priority Journals

EM 198606

ED Entered STN: 19900321

Last Updated on STN: 19980206

Entered Medline: 19860627

L6 ANSWER 223 OF 279 MEDLINE on STN

Full Text

AN 86218052 MEDLINE

DN PubMed ID: 2939962

TI Balloon angioplasty of coronary bifurcation lesions: the kissing balloon technique.

AU George B S; Myler R K; Stertzer S H; Clark D A; Cote G; Shaw R E; Fishman-Rosen J; Murphy M

SO Catheterization and cardiovascular diagnosis, (1986) 12 (2) 124-38.

Journal code: 7508512. ISSN: 0098-6569.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 198607

ED Entered STN: 19900321

Last Updated on STN: 19900321

Entered Medline: 19860707

L6 ANSWER 224 OF 279 MEDLINE on STN

Full Text

STN Columbus

AN 86200486 MEDLINE
 DN PubMed ID: 3517388
 TI Reducing the risk of urgent revascularization for unstable **angina**: a randomized clinical trial.
 AU Christakis G T; Fremes S E; Weisel R D; Madonik M M; McDonough J H; Tittley J G; Mickle D A; Ivanov J; Mickleborough L L; Goldman B S; +
 SO Journal of vascular surgery : official publication, Society for Vascular Surgery [and] International Society for Cardiovascular Surgery, North American Chapter, (1986 May) 3 (5) 764-72.
 Journal code: 8407742. ISSN: 0741-5214.
 CY United States
 DT (CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 (RANDOMIZED CONTROLLED TRIAL)
 LA English
 FS Priority Journals
 EM 198606
 ED Entered STN: 19900321
 Last Updated on STN: 19950206
 Entered Medline: 19860609

L6 ANSWER 225 OF 279 MEDLINE on STN

Full Text

AN 86154607 MEDLINE
 DN PubMed ID: 3879418
 TI Left ventricular thrombus and myocardial infarction.
 AU Gianrossi R; Marruzzo M; Torrielli A; Azzolini A; Nizzo M C; Montemanni M; Mottola G
 SO Acta cardiologica, (1985) 40 (6) 599-612.
 Journal code: 0370570. ISSN: 0001-5385.
 CY Belgium
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 198603
 ED Entered STN: 19900321
 Last Updated on STN: 19900321
 Entered Medline: 19860331

L6 ANSWER 226 OF 279 MEDLINE on STN

Full Text

AN 83278613 MEDLINE
 DN PubMed ID: 6603732
 TI [Emission-computed tomography of the myocardium with the 7-pinhole collimator].
 Emissions-Computertomographie des Myokards mit dem 7-Pinhole-Kollimator.
 AU Sochor H; Pachinger O; Ogris E; Probst P; Joskowicz G; Kaendl F
 SO Acta medica Austriaca, (1983) 10 (2-3) 47-56.
 Journal code: 7501997. ISSN: 0303-8173.
 CY Austria
 DT Journal; Article; (JOURNAL ARTICLE)
 LA German
 FS Priority Journals
 EM 198309
 ED Entered STN: 19900319
 Last Updated on STN: 19900319
 Entered Medline: 19830923

L6 ANSWER 227 OF 279 MEDLINE on STN

Full Text

AN 78034151 MEDLINE
 DN PubMed ID: 918632

STN Columbus

TI [Effect of droperidol on the creatine phosphokinase activity in acute myocardial infarct].
Beeinflussung der Aktivität des Kreatin-phosphokinase-Isoenzyms durch Droperidol beim akuten Myokardinfarkt.
AU Wirz P; Blum J; Brunner H H
SO Schweizerische medizinische Wochenschrift, (1977 Nov 5) 107 (44) 1595-6.
Journal code: 0404401. ISSN: 0036-7672.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA German
FS Priority Journals
EM 197712
ED Entered STN: 19900314
Last Updated on STN: 19900314
Entered Medline: 19771229

L6 ANSWER 228 OF 279 MEDLINE on STN

Full Text

AN 77184637 MEDLINE
DN PubMed ID: 324738
TI The management of acute coronary insufficiency.
AU Baker J; Wagner G S; Greenfield J C Jr
SO Disease-a-month : DM, (1977 May) 23 (8) 1-39. Ref: 76
Journal code: 0370657. ISSN: 0011-5029.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 197707
ED Entered STN: 19900314
Last Updated on STN: 19980206
Entered Medline: 19770718

L6 ANSWER 229 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN
AN 2000-0269747 PASCAL
CP Copyright © 2000 INIST-CNRS. All rights reserved.
TIEN New findings with eptifibatide
Optimizing treatment of acute coronary syndromes with GP IIb/IIIa inhibitors: Proceedings of the satellite symposium to the XXist Congress of the European Society of Cardiology, Barcelona, Spain, August 1999
AU HARRINGTON R. A.; VAHANIAN A.
SIMOONS M. L. (ed.); HARRINGTON R. A. (ed.)
CS Duke Clinical Research Institute, Duke University Medical Center, Durham, NC, United States; Service de Cardiologie, Hopital Bichat, Paris, France
University Hospital Rotterdam, Rotterdam, Netherlands; Duke University Medical Center, Durham, United States
SO European heart journal. Supplements, (2000), 2(C), C10-C14, 16 refs.
Conference: Optimizing treatment of ACS with GP IIb/IIIa inhibitors.
Symposium, Barcelona (Spain), Aug 1999
ISSN: 1520-765X
DT Journal; Conference
BL Analytic
CY United Kingdom
LA English
AV INIST-18785S, 354000087430400020

L6 ANSWER 230 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN

STN Columbus

AN 2000-0107163 PASCAL
 CP Copyright © 2000 INIST-CNRS. All rights reserved.
 TIEN A double-blind, randomized study of the effect of immediate intravenous nitroglycerin on the incidence of postprocedural chest pain and minor myocardial necrosis after elective coronary stenting
 AU KURZ D. J.; NAEGELI B.; BERTEL O.
 CS Division of Cardiology, Department of Internal Medicine, Triemli Hospital, Switzerland
 SO The American heart journal, (2000), 139(1, PART1), 35-43, 24 refs.
 ISSN: 0002-8703 CODEN: AHJOA2
 DT Journal
 BL Analytic
 CY United States
 LA English
 AV INIST-2057, 354000081367160060

L6 ANSWER 231 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN

AN 1999-0477092 PASCAL
 CP Copyright © 1999 INIST-CNRS. All rights reserved.
 TIEN New findings from the PURSUIT study
 Confronting the challenge of acute ischaemic coronary syndromes
 AU SIMOONS M. L.
 DECKERS Jaap W. (ed.); KARSCH Karl R. (ed.)
 CS Thoraxcentrum-Academisch Ziekenhuis, Erasmus University, Rotterdam, Netherlands
 University of Tuebingen, Tuebingen, Germany, Federal Republic of; Erasmus University, Burgemeester Oudlaan 50, POB 1738, 3000 Rotterdam, Netherlands
 European Society of Cardiology, EUR (patr.)
 SO European heart journal. Supplements, (1999), 1(N), N30-N34, 14 refs.
 Conference: XXth Congress of the European Society of Cardiology. Satellite Symposia, Vienna (Austria), Aug 1998
 ISSN: 1520-765X
 DT Journal; Conference
 BL Analytic
 CY United Kingdom
 LA English
 AV INIST-18785S, 354000089289480060

L6 ANSWER 232 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN

AN 1999-0442820 PASCAL
 CP Copyright © 1999 INIST-CNRS. All rights reserved.
 TIEN Risk stratifying acute coronary syndromes : Gradient of risk and benefit IIb/IIIa today: changing the practice of cardiovascular medicine
 AU HAMM C. W.
 KERELAKES Dean J. (ed.)
 CS Kerckhoff Clinic and Max-Plank Institute for Clinical and Physiological Research, Germany, Federal Republic of
 The Carl and Edyth Lindner Center for Clinical Cardiovascular Research, Cincinnati, Ohio, United States
 SO The American heart journal, (1999), 138(1, PART2), S6-S11, 17 refs.
 ISSN: 0002-8703 CODEN: AHJOA2
 DT Journal
 BL Analytic
 CY United States
 LA English
 AV INIST-2057, 354000086009840020

STN Columbus

L6 ANSWER 233 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN
 AN 1999-0069080 PASCAL
 CP Copyright © 1999 INIST-CNRS. All rights reserved.
 TIEN Troponin T or troponin I or **CK-MB** (or none?)
 Cardiac markers
 AU COLLINSON P. O.
 KATUS H. A. (ed.); AGRAWAL B. (ed.)
 CS Department of Chemical Pathology, Mayday University Hospital Thornton
 Heath, Surrey, United Kingdom
 Medizinische Klinik II, Universitaet zu Luebeck, Germany, Federal
 Republic of
 Roche Diagnostic Boehringer Mannheim, Germany, Federal Republic of
 (patn.)
 SO European heart journal, (1998), 19(NOV, SUPN), N16-N24, 69 refs.
 Conference: Cardiac markers. Symposium of a panel of experts, Sorrento
 (Italy), 24 May 1998
 ISSN: 0195-668X
 DT Journal; Conference
 BL Analytic
 CY United Kingdom
 LA English
 AV INIST-18785, 354000071743120040

L6 ANSWER 234 OF 279 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS

Full Text

RESERVED. on STN
 AN 1997-0122144 PASCAL
 CP Copyright © 1997 INIST-CNRS. All rights reserved.
 TIEN The myth of the myocardial 'Infarctlet' during percutaneous coronary
 revascularization procedures
 AU ABDELMEGUID A. E.; TOPOL E. J.
 CS Department of cardiology, The Cleveland Clinic Foundation, Cleveland,
 Ohio, United States
 SO Circulation : (New York), (1996), 94(12), 3369-3375, 43 refs.
 ISSN: 0009-7322 CODEN: CIRCAZ
 DT Journal
 BL Analytic
 CY United States
 LA English
 AV INIST-5907, 354000061275760490

L6 ANSWER 235 OF 279 PHIN COPYRIGHT 2004 PJB on STN

Full Text

AN 2000:3951 PHIN
 DN C00654690
 DED 21 Feb 2000
 TI New technology promises a growing choice of diagnosis and treatment
 options for heart disease
 SO Clinica (2000) No. 896 p20
 DT Newsletter
 FS FULL

L6 ANSWER 236 OF 279 PHIN COPYRIGHT 2004 PJB on STN

Full Text

AN 1999:15522 PHIN
 DN C00635916
 DED 6 Sep 1999
 TI Troponin identifies highest-risk **angina** patients

STN Columbus

SO Clinica (1999) No. 874 p14
DT Newsletter
FS FULL

L6 ANSWER 237 OF 279 PHIN COPYRIGHT 2004 PJB on STN
Full Text

AN 95:1338 PHIN
DN C00428530
DED 9 Jan 1995
TI Cardiology moves on apace
SO Clinica (1995) No. 636 Review-Issue 1994 p37
DT Newsletter
FS FULL

L6 ANSWER 238 OF 279 PHIN COPYRIGHT 2004 PJB on STN
Full Text

AN 94:6707 PHIN
DN C00398044
DED 18 Apr 1994
TI American College of Cardiology Annual Scientific Session
SO Clinica (1994) No. 599 p16
DT Newsletter
FS FULL

L6 ANSWER 239 OF 279 PHIN COPYRIGHT 2004 PJB on STN
Full Text

AN 92:13897 PHIN
DN C00323590
DED 7 Oct 1992
TI Boehringer Mannheim launches new cardiac marker
SO Clinica (1992) No. 521 p16
DT Newsletter
FS FULL

L6 ANSWER 240 OF 279 PHIN COPYRIGHT 2004 PJB on STN
Full Text

AN 92:6000 PHIN
DN S00308044
DED 23 Apr 1992
TI Acadesine beneficial in Coronary Artery Bypass Graft (CABG) surgery
SO Scrip (1992) No. 1713 p23
DT Newsletter
FS FULL

L6 ANSWER 241 OF 279 PHIN COPYRIGHT 2004 PJB on STN
Full Text

AN 91:11385 PHIN
DN C00283094
DED 14 Aug 1991
TI Aiding evaluation of cardiac diagnostic systems
SO Clinica (1991) No. 463 p23
DT Newsletter
FS FULL

L6 ANSWER 242 OF 279 PROMT COPYRIGHT 2004 Gale Group on STN
Full Text

STN Columbus

ACCESSION NUMBER: 1998:604152 PROMT
TITLE: Spectral Diagnostics Inc. and Centocor Announce Exclusive
Strategic Alliance to Support Rapid and Appropriate
Selection of Chest Pain Patients.
SOURCE: PR Newswire, (18 Nov 1998) pp. 6192.
LANGUAGE: English
WORD COUNT: 907
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L6 ANSWER 243 OF 279 PROMT COPYRIGHT 2004 Gale Group on STN
Full Text

ACCESSION NUMBER: 1998:238797 PROMT
TITLE: Spectral's Cardiac STATUS(TM) Troponin I is Chosen to
Participate in Centocor's GUSTO IV Acute Coronary Syndromes
Clinical Trial
SOURCE: PR Newswire, (12 May 1998) pp. 0512NYTU057.
LANGUAGE: English
WORD COUNT: 748
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L6 ANSWER 244 OF 279 PROMT COPYRIGHT 2004 Gale Group on STN
Full Text

ACCESSION NUMBER: 96:307048 PROMT
TITLE: What Makes a Test a Good Marker?
SOURCE: Genesis Report-Dx, pp. N/A.
ISSN: 1061-2289.
LANGUAGE: English
WORD COUNT: 223
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L6 ANSWER 245 OF 279 PROMT COPYRIGHT 2004 Gale Group on STN
Full Text

ACCESSION NUMBER: 92:567158 PROMT
TITLE: Canadian Firm Pioneers Cardiac Diagnostic: Cardiovascular:
An Unmet Diagnostic Need?
SOURCE: Genesis Report-Dx, (Sep 1992) pp. N/A.
ISSN: 1061-2289.
LANGUAGE: English
WORD COUNT: 1538
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L6 ANSWER 246 OF 279 PROMT COPYRIGHT 2004 Gale Group on STN
Full Text

ACCESSION NUMBER: 92:120472 PROMT
TITLE: Market Technology Updates; New Marker for **Myocardial
Infarct**
SOURCE: BBI Newsletter, (6 Feb 1992) pp. N/A.
ISSN: 1049-4316.
LANGUAGE: English
WORD COUNT: 221
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L6 ANSWER 247 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text

Corporation. on STN
AN 2000:775296 SCISEARCH
GA The Genuine Article (R) Number: 361MF
TI Clinical outcomes following "rescue" administration of abciximab in

STN Columbus

patients undergoing percutaneous coronary angioplasty
 AU Fuchs S; Kornowski R (Reprint); Mehran R; Gruberg L; Satler L F; Pichard A
 D; Kent K M; Stone G W; Leon M B
 CS WASHINGTON HOSP CTR, CARDIAC CATHETERIZAT LAB, 110 IRVING ST NW, SUITE
 4B-1, WASHINGTON, DC 20010 (Reprint); WASHINGTON HOSP CTR, CARDIOVASC
 CATHETERIZAT LAB, WASHINGTON, DC 20010
 CYA USA
 SO JOURNAL OF INVASIVE CARDIOLOGY, (OCT 2000) Vol. 12, No. 10, pp. 497-501.
 Publisher: HEALTH MANAGEMENT PUBLICATIONS INC, 950 WEST VALLEY RD, STE
 2800, WAYNE, PA 19087.
 ISSN: 1042-3931.
 DT Article; Journal
 FS CLIN
 LA English
 REC Reference Count: 13
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 248 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text

Corporation. on STN
 AN 2000:94819 SCISEARCH
 GA The Genuine Article (R) Number: 278QB
 TI Delta CK-MR outperforms delta troponin I at 2 hours during the ED rule out
 of acute myocardial infarction
 AU Fesmire F M (Reprint)
 CS UNIV TENNESSEE, COLL MED, DEPT EMERGENCY MED, ERLANGER MED CTR, POB 4045,
 CHATTANOOGA, TN 37405 (Reprint)
 CYA USA
 SO AMERICAN JOURNAL OF EMERGENCY MEDICINE, (JAN 2000) Vol. 18, No. 1, pp.
 1-8.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399.
 ISSN: 0735-6757.
 DT Article; Journal
 FS CLIN
 LA English
 REC Reference Count: 46
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 249 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text

Corporation. on STN
 AN 1999:853114 SCISEARCH
 GA The Genuine Article (R) Number: 252BB
 TI Characteristics and prognosis of patients with suspected acute myocardial
 infarction and elevated MB relative index but normal total creatine kinase
 AU LloydJones D M (Reprint); Camargo C A; Giugliano R P; Walsh C R; ODonnell
 C J
 CS NHLBI, FRAMINGHAM HEART STUDY, 5 THURBER ST, FRAMINGHAM, MA 01702
 (Reprint); MASSACHUSETTS GEN HOSP, DEPT MED, DIV CARDIOL, BOSTON, MA
 02114; MASSACHUSETTS GEN HOSP, DEPT EMERGENCY MED, BOSTON, MA 02114;
 HARVARD UNIV, BRIGHAM WOMENS HOSP, SCH MED, DEPT MED, CARDIOVASC DIV,
 BOSTON, MA 02115; HARVARD UNIV, BRIGHAM WOMENS HOSP, SCH MED, CHANNING
 LAB, BOSTON, MA 02115
 CYA USA
 SO AMERICAN JOURNAL OF CARDIOLOGY, (1 NOV 1999) Vol. 84, No. 9, pp. 957-962.
 Publisher: EXCERPTA MEDICA INC, 245 WEST 17TH STREET, NEW YORK, NY 10011.
 ISSN: 0002-9149.
 DT Article; Journal
 FS LIFE; CLIN
 LA English
 REC Reference Count: 26

STN Columbus

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 250 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text
Corporation. on STN
AN 1999:399575 SCISEARCH
GA The Genuine Article (R) Number: 197GG
TI Cardiac management in the ICU
AU Ramsay J G (Reprint)
CS EMORY UNIV HOSP, DEPT ANESTHESIOLOGY, 1364 CLIFTON RD, ATLANTA, GA 30322
(Reprint); EMORY UNIV, SCH MED, DEPT ANESTHESIOLOGY, ATLANTA, GA 30322
CYA USA
SO CHEST, (MAY 1999) Vol. 115, No. 5, Supp. [S], pp. S138-S144.
Publisher: AMER COLL CHEST PHYSICIANS, 3300 DUNDEE ROAD, NORTHBROOK, IL
60062-2348.
ISSN: 0012-3692.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 36

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 251 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text
Corporation. on STN
AN 1999:262343 SCISEARCH
GA The Genuine Article (R) Number: 180RV
TI Periprocedural creatine kinase-MB elevations: Long-term impact and
clinical implications
AU Adgey A A J (Reprint); Mathew T P; Harbinson M T
CS ROYAL VICTORIA HOSP, GROSVENOR RD, BELFAST BT12 6BA, ANTRIM, NORTH IRELAND
(Reprint)
CYA NORTH IRELAND
SO CLINICAL CARDIOLOGY, (APR 1999) Vol. 22, No. 4, pp. 257-265.
Publisher: CLINICAL CARDIOLOGY PUBL CO, PO BOX 832, MAHWAH, NJ 07430-0832.
ISSN: 0160-9289.
DT General Review; Journal
FS CLIN
LA English
REC Reference Count: 50

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 252 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson
Full Text
Corporation. on STN
AN 1998:438181 SCISEARCH
GA The Genuine Article (R) Number: ZR234
TI The troponins
AU Coudrey L (Reprint)
CS SUNY STONY BROOK, HLTH SCI CTR, DIV CARDIOL, T-17, 020, STONY BROOK, NY
11794 (Reprint)
CYA USA
SO ARCHIVES OF INTERNAL MEDICINE, (8 JUN 1998) Vol. 158, No. 11, pp.
1173-1180.
Publisher: AMER MEDICAL ASSOC, 515 N STATE ST, CHICAGO, IL 60610.
ISSN: 0003-9926.
DT General Review; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 66

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

STN Columbus

L6 ANSWER 253 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson

Full Text

Corporation. on STN
AN 97:290146 SCISEARCH
GA The Genuine Article (R) Number: WR446
TI Acute myocardial infarction: Clinical characteristics, management and outcome in a metropolitan Veterans Affairs Medical Center teaching hospital
AU Mickelson J K (Reprint); Blum C M; Geraci J M
CS HOUSTON VET AFFAIRS MED CTR, 2002 HOLCOMBE BLVD, HOUSTON, TX 77030 (Reprint); BAYLOR COLL MED, DEPT MED, SECT CARDIOL GEN INTERNAL MED, HOUSTON, TX 77030
CYA USA
SO JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, (APR 1997) Vol. 29, No. 5, pp. 915-925.
Publisher: ELSEVIER SCIENCE INC, 655 AVENUE OF THE AMERICAS, NEW YORK, NY 10010.
ISSN: 0735-1097.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 54
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 254 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson

Full Text

Corporation. on STN
AN 96:202478 SCISEARCH
GA The Genuine Article (R) Number: TY955
TI MYOCARDIAL MARKERS OF INJURY - EVOLUTION AND INSIGHTS
AU KEFFER J H (Reprint)
CS UNIV TEXAS, SW MED CTR, 5323 HARRY HINES BLVD, CS3 114, DALLAS, TX, 75235 (Reprint)
CYA USA
SO AMERICAN JOURNAL OF CLINICAL PATHOLOGY, (MAR 1996) Vol. 105, No. 3, pp. 305-320.
ISSN: 0002-9173.
DT General Review; Journal
FS LIFE; CLIN
LA ENGLISH
REC Reference Count: 222
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 255 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson

Full Text

Corporation. on STN
AN 95:60769 SCISEARCH
GA The Genuine Article (R) Number: QA441
TI ISCHEMIA MONITORING WITH NEW MARKERS
AU SCHEFFOLD T; ZEHELEIN J; MULLERBARDORFF M; KATUS H A (Reprint)
CS UNIV HEIDELBERG, MED KLIN, BERGHEIMER STR 58, D-69115 HEIDELBERG, GERMANY (Reprint); UNIV HEIDELBERG, MED KLIN, D-69115 HEIDELBERG, GERMANY
CYA GERMANY
SO ZEITSCHRIFT FUR KARDIOLOGIE, (1994) Vol. 83, Supp. 6, pp. 75-82.
ISSN: 0300-5860.
DT Article; Journal
FS LIFE; CLIN
LA German
REC Reference Count: 37
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 256 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson

STN Columbus

Full Text

Corporation. on STN
 AN 91:687312 SCISEARCH
 GA The Genuine Article (R) Number: GU998
 TI EARLY DETECTION OF ACUTE MYOCARDIAL-INFARCTION BY MEASUREMENT OF MASS
 CONCENTRATION OF CREATINE KINASE-MB
 AU MAIR J; ARTNERDWORZAK E; DIENSTL A; LECHLEITNER P; MORASS B; SMIDT J;
 WAGNER I; WETTACH C; PUSCHENDORF B (Reprint)
 CS UNIV INNSBRUCK, INST MED CHEM BIOCHEM, FRITZ PREGLSTR 3, A-6020
 INNSBRUCK, AUSTRIA (Reprint); UNIV INNSBRUCK, SCH MED, DEPT MED CHEM BIOCHEM, A-6020 IN
 MED, A-6020 INNSBRUCK, AUSTRIA
 CYA AUSTRIA
 SO AMERICAN JOURNAL OF CARDIOLOGY, (1991) Vol. 68, No. 17, pp. 1545-1550.
 DT Article; Journal
 FS LIFE; CLIN
 LA ENGLISH
 REC Reference Count: 26
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 257 OF 279 SCISEARCH COPYRIGHT (c) 2004 The Thomson

Full Text

Corporation. on STN
 AN 91:446721 SCISEARCH
 GA The Genuine Article (R) Number: FZ937
 TI MYOGLOBIN AND LIGHT-CHAINS OF MYOSIN .5.
 AU KOTHE K (Reprint); PORSTMANN B; AURISCH R; BUTZECK J; BOHM J; SCHMECHTA H
 CS HUMBOLDT UNIV, BEREICH MED CHARITE, FAK MED, KLIN POLIKLIN INNERE MED
 THEODOR BRUGSCH, KARDIOL ABT, DDR-1040 BERLIN, GER DEM REP (Reprint)
 CYA GERMANY
 SO ZEITSCHRIFT FUR KLINISCHE MEDIZIN-ZKM, (1991) Vol. 46, No. 15, pp.
 1127-1129.
 DT Article; Journal
 FS CLIN
 LA German
 REC No References Keyed
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L6 ANSWER 258 OF 279 USPATFULL on STN

Full Text

AN 2002:122023 USPATFULL
 TI Temporary vascular seal for anastomosis
 IN Borst, Cornelius, Bilthoven, NETHERLANDS
 Heijmen, Robin Henricus, Wijk Bij Duurstede, NETHERLANDS
 Van Dalen, Robert, Amersfoort, NETHERLANDS
 Grundeman, Paul Frederik, Amsterdam, NETHERLANDS
 Verlaan, Cornelius Wilhelmus Josef, Soest, NETHERLANDS
 Mansvelt Beck, Henricus Jacobus, Bilthoven, NETHERLANDS
 Scheltes, Jules, The Hague, NETHERLANDS
 Heikens, Martijn, Delft, NETHERLANDS
 PA Medtronic Inc., Minneapolis, MN, United States (U.S. corporation)
 PI US 6395015 B1 20020528
 WO 9908603 19990225 <--
 AI US 2000-463746 20000322 (9)
 WO 1998-NL430 19980729
 20000322 PCT 371 date
 PRAI EP 1997-202393 19970731
 EP 1998-200847 19980318
 DT Utility
 FS GRANTED
 LN.CNT 913
 INCL INCLM: 606/213.000
 INCLS: 606/215.000; 606/153.000

STN Columbus

NCL NCLM: 606/213.000
 NCLS: 606/153.000; 606/215.000
 IC [7]
 ICM: A61B017-08
 EXF 606/151; 606/153; 606/157; 606/158; 606/194; 606/213; 606/215; 606/232;
 604/96.01; 604/102.07

L6 ANSWER 259 OF 279 USPATFULL on STN

Full Text

AN 2000:76048 USPATFULL
 TI Injection of fructose-1,6-diphosphate (FDP) prior to coronary artery
 bypass grafting surgery
 IN Marangos, Paul J., La Costa, CA, United States
 Fox, Anthony W., Rancho LaCosta, CA, United States
 Royston, David, Harefield, United Kingdom
 Riedel, Bernhard, Harefield, United Kingdom
 PA Cypros Pharmaceutical Corp., Carlsbad, CA, United States (U.S.
 corporation)
 PI US 6076528 20000620 <--
 AI US 1998-60761 19980415 (9)
 RLI Continuation-in-part of Ser. No. US 1996-647206, filed on 9 May 1996,
 now abandoned
 DT Utility
 FS Granted
 LN.CNT 2149
 INCL INCLM: 128/898.000
 NCL NCLM: 128/898.000
 IC [7]
 ICM: A61B019-00
 EXF 128/898; 514/23; 604/49; 604/28; 604/290; 604/317; 623/66; 424/449;
 424/423; 424/436

L6 ANSWER 260 OF 279 USPATFULL on STN

Full Text

AN 1999:72705 USPATFULL
 TI Peptides and their use to ameliorate cell death
 IN Rabkin, Simon W., Vancouver, Canada
 Krystal, Gerald, Vancouver, Canada
 PA Simon W. Rabkin, Vancouver, Canada (non-U.S. corporation)
 PI US 5917013 19990629 <--
 AI US 1996-759599 19961205 (8)
 PRAI US 1995-8233P 19951206 (60)
 DT Utility
 FS Granted
 LN.CNT 900
 INCL INCLM: 530/300.000
 INCLS: 530/326.000; 530/327.000; 530/329.000; 536/023.100
 NCL NCLM: 530/300.000
 NCLS: 530/326.000; 530/327.000; 530/329.000; 536/023.100
 IC [6]
 ICM: C07H021-00
 ICS: C07K007-06; C07K007-08; C07K014-00
 EXF 514/2; 514/13; 514/14; 514/15; 514/16; 514/17; 514/44; 530/300; 530/326;
 530/327; 530/328; 530/329; 536/23.1; 536/23.2; 536/23.7
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 261 OF 279 USPATFULL on STN

Full Text

AN 1998:131550 USPATFULL
 TI Method of detecting myocardial infarction
 IN Matsumori, Akira, Minoo, Japan
 PA Akira Matsumori, Osaka-Fu, Japan (non-U.S. corporation)

STN Columbus

Otsuka Pharmaceutical Co., Ltd., Tokyo-To, Japan (non-U.S. corporation)
 PI US 5827673 19981027 <--
 AI US 1996-696160 19960813 (8)
 DT Utility
 FS Granted
 LN.CNT 598
 INCL INCLM: 435/007.920
 INCLS: 435/007.940; 436/536.000; 436/540.000; 436/548.000; 436/811.000;
 436/815.000; 530/380.000; 530/403.000
 NCL NCLM: 435/007.920
 NCLS: 435/007.940; 436/536.000; 436/540.000; 436/548.000; 436/811.000;
 436/815.000; 530/380.000; 530/403.000
 IC [6]
 ICM: G01N033-53
 ICS: G01N033-536; G01N033-541; G01N033-543
 EXF 435/7.92; 435/7.94; 436/536; 436/540; 436/548; 436/811; 436/815;
 530/380; 530/403
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 262 OF 279 USPATFULL on STN

Full Text

AN 1998:122391 USPATFULL
 TI Methods of preventing tissue damage associated with decreased blood flow
 by administration of AICA riboside compounds
 IN Gruber, Harry E., Rancho Santa Fe, CA, United States
 Mullane, Kevin M., Del Mar, CA, United States
 Laikind, Paul K., San Diego, CA, United States
 PA Gensia Pharmaceuticals, San Diego, CA, United States (U.S. corporation)
 PI US 5817640 19981006 <--
 AI US 1995-443245 19950516 (8)
 RLI Continuation of Ser. No. US 1994-296266, filed on 25 Aug 1994, now
 abandoned which is a continuation of Ser. No. US 1992-949101, filed on
 21 Sep 1992, now abandoned which is a continuation-in-part of Ser. No.
 US 1991-770023, filed on 30 Sep 1991, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1645
 INCL INCLM: 514/046.000
 INCLS: 514/045.000; 514/821.000; 514/822.000; 514/824.000; 514/885.000;
 514/886.000; 435/975.000
 NCL NCLM: 514/046.000
 NCLS: 435/975.000; 514/045.000; 514/821.000; 514/822.000; 514/824.000;
 514/885.000; 514/886.000
 IC [6]
 ICM: A61K031-70
 EXF 514/45; 514/46; 514/821; 514/822; 514/824; 514/861; 514/885; 514/886;
 435/975
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 263 OF 279 USPATFULL on STN

Full Text

AN 1998:69160 USPATFULL
 TI Anti-annexin-V monoclonal antibodies, and preparation and use thereof
 IN Kaneko, Noboru, 41-10, Chitosedai 2-chome, Setagaya-ku, Tokyo 157, Japan
 Matsuda, Ryuko, Tokyo, Japan
 Kajita, Tadahiro, Hyogo-ken, Japan
 Ohta, Yohsuke, Hyogo-ken, Japan
 PA Kaneko, Noboru, Japan (non-U.S. individual)
 International Reagents Corporation, Japan (non-U.S. corporation)
 PI US 5767247 19980616 <--
 WO 9615152 19960523 <--
 AI US 1996-669509 19961022 (8)

STN Columbus

WO 1995-JP2305 19951110
 19961022 PCT 371 date
 19961022 PCT 102(e) date

PRAI JP 1994-313958 19941111
 DT Utility
 FS Granted
 LN.CNT 3164

INCL INCLM: 530/388.200
 INCLS: 435/007.100; 435/007.220; 435/007.920; 435/007.940; 435/332.000;
 435/346.000

NCL NCLM: 530/388.200
 NCLS: 435/007.100; 435/007.220; 435/007.920; 435/007.940; 435/332.000;
 435/346.000

IC [6]
 ICM: C07K016-28
 ICS: G01N033-53

EXF 435/7.1; 435/7.92; 435/7.94; 435/332; 435/346; 435/7.22; 530/388.2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 264 OF 279 USPATFULL on STN

Full Text

AN 1998:57721 USPATFULL
 TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and
 devices
 IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States
 07042

PI US 5756296 19980526 <--
 AI US 1995-575781 19951222 (8)
 RLI Continuation of Ser. No. US 1993-169517, filed on 17 Dec 1993, now
 abandoned

DT Utility
 FS Granted
 LN.CNT 1658

INCL INCLM: 435/006.000
 INCLS: 435/091.500; 536/023.100; 536/025.300; 935/001.000; 935/076.000

NCL NCLM: 435/006.000
 NCLS: 435/091.500; 536/023.100; 536/025.300

IC [6]
 ICM: C12Q001-68
 ICS: C12P019-34; C07H021-00; C12N015-00

EXF 435/6; 435/91.1; 435/91.2; 436/164; 436/172; 436/508; 536/23.1;
 536/24.3; 536/24.33; 536/25.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 265 OF 279 USPATFULL on STN

Full Text

AN 1998:48195 USPATFULL
 TI Method and device for diagnosing and distinguishing chest pain in early
 onset thereof
 IN Jackowski, George, Inglewood, Canada
 PA Spectral Diagnostics Inc., Toronto, Canada (non-U.S. corporation)
 PI US 5747274 19980505 <--
 AI US 1996-697690 19960905 (8)
 RLI Continuation of Ser. No. US 1995-420298, filed on 11 Apr 1995, now
 patented, Pat. No. US 5604105 which is a continuation-in-part of Ser.
 No. US 1993-26453, filed on 3 Mar 1993, now abandoned which is a
 continuation-in-part of Ser. No. US 1991-695381, filed on 3 May 1991,
 now patented, Pat. No. US 5290678, issued on 1 Mar 1994

PRAI CA 1990-2027434 19901012
 DT Utility
 FS Granted
 LN.CNT 2438

STN Columbus

INCL INCLM: 435/007.940
 INCLS: 422/056.000; 422/058.000; 422/060.000; 422/061.000; 435/007.930;
 435/007.940; 435/970.000; 435/973.000; 435/975.000; 436/514.000;
 436/528.000; 436/530.000; 436/531.000; 436/161.000; 436/164.000;
 436/807.000; 436/808.000; 436/810.000; 436/811.000
 NCL NCLM: 435/007.940
 NCLS: 422/056.000; 422/058.000; 422/060.000; 422/061.000; 435/007.930;
 435/970.000; 435/973.000; 435/975.000; 436/161.000; 436/164.000;
 436/514.000; 436/528.000; 436/530.000; 436/531.000; 436/807.000;
 436/808.000; 436/810.000; 436/811.000
 IC [6]
 ICM: G01N033-573
 ICS: G01N033-558
 EXF 422/55; 422/56; 422/58; 422/60; 422/61; 435/7.9; 435/7.92; 435/7.93;
 435/7.94; 435/7.4; 435/969; 435/970; 435/973; 435/975; 436/514; 436/528;
 436/530; 436/531; 436/161; 436/164; 436/807; 436/808; 436/810; 436/811
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 266 OF 279 USPATFULL on STN

Full Text

AN 1998:39692 USPATFULL
 TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and
 devices
 IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States
 07042
 PI US 5739305 19980414 <--
 AI US 1995-487968 19950607 (8)
 RLI Division of Ser. No. US 1993-169517, filed on 17 Dec 1993, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1579
 INCL INCLM: 536/023.100
 INCLS: 536/025.320; 436/094.000; 935/006.000
 NCL NCLM: 536/023.100
 NCLS: 435/DIG.040; 436/094.000; 536/025.320
 IC [6]
 ICM: C07H021-02
 ICS: G01N033-00; C12N015-00
 EXF 435/6; 435/91.1; 435/91.2; 435/270; 435/183; 536/23.1; 536/24.3-24.32;
 536/25.32; 935/1-3; 935/5; 935/8; 935/19; 935/76; 935/77; 935/78;
 935/85; 935/111; 530/387.1; 530/388.2; 530/391.1; 530/811; 530/812;
 530/815; 436/94
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 267 OF 279 USPATFULL on STN

Full Text

AN 97:108685 USPATFULL
 TI Detection/exclusion of acute myocardial infarction using neural network
 analysis of measurements of biochemical markers
 IN Groth, Torgny Lars, Dobelnsgratan 24A, S-752 37 Uppsala, Sweden
 Ellenius, Johan, Geijersgratan 15B, S-752 26 Uppsala, Sweden
 PI US 5690103 19971125 <--
 AI US 1996-668260 19960620 (8)
 DT Utility
 FS Granted
 LN.CNT 1619
 INCL INCLM: 128/632.000
 INCLS: 128/924.000
 NCL NCLM: 600/368.000
 NCLS: 128/924.000
 IC [6]
 ICM: A61B005-14

STN Columbus

EXF 128/632; 128/924
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 268 OF 279 USPATFULL on STN

Full Text

AN 97:71172 USPATFULL
TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and devices
IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States 07042
PI US 5656739 19970812 <--
AI US 1995-487959 19950607 (8)
RLI Division of Ser. No. US 1993-169517, filed on 17 Dec 1993
DT Utility
FS Granted
LN.CNT 1686
INCL INCLM: 536/023.100
INCLS: 435/006.000; 435/005.000; 435/091.100; 536/024.300; 536/024.320; 536/024.330; 530/300.000; 530/388.100
NCL NCLM: 536/023.100
NCLS: 435/005.000; 435/006.000; 435/091.100; 530/300.000; 530/388.100; 536/024.300; 536/024.320; 536/024.330
IC [6]
ICM: C07H021-04
ICS: C12Q001-68; C12Q001-70; C19P019-34
EXF 435/6; 435/5; 435/91.1; 435/91.2; 435/7.1-7.9; 536/25.5; 536/34.3-33; 530/388.1; 530/300

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 269 OF 279 USPATFULL on STN

Full Text

AN 97:44738 USPATFULL
TI Detection of cardiovascular lesions
IN Goldenberg, David M., Short Hills, NJ, United States
PA Immunomedics, Inc., Morris Plains, NJ, United States (U.S. corporation)
PI US 5632968 19970527 <--
AI US 1994-338100 19941109 (8)
RLI Continuation of Ser. No. US 1991-694977, filed on 6 May 1991, now patented, Pat. No. US 5364612
DT Utility
FS Granted
LN.CNT 1053
INCL INCLM: 424/001.490
INCLS: 424/009.340
NCL NCLM: 424/001.490
NCLS: 424/009.340
IC [6]
ICM: A61K051-10
ICS: A61B005-055
EXF 424/1.49; 424/1.53; 424/9.34; 424/179.1; 424/180.1; 424/182.1

L6 ANSWER 270 OF 279 USPATFULL on STN

AN 97:14582 USPATFULL
TI Method and device for diagnosing and distinguishing chest pain in early onset thereof
IN Jackowski, George, Inglewood, Canada
PA Spectral Diagnostics Inc., Toronto, Canada (non-U.S. corporation)
PI US 5604105 19970218 <--
AI US 1995-420298 19950411 (8)
RLI Continuation-in-part of Ser. No. US 1993-26453, filed on 3 Mar 1993, now abandoned which is a continuation-in-part of Ser. No. US 1991-695381, filed on 3 May 1991, now patented, Pat. No. US 5290678, issued on 1 Mar 1994

STN Columbus

PRAI CA 1990-2027434 19901012
 DT Utility
 FS Granted
 LN.CNT 2462
 INCL INCLM: 435/007.400
 INCLS: 422/056.000; 422/058.000; 435/007.940; 435/970.000; 435/973.000;
 435/975.000; 436/514.000; 436/528.000; 436/530.000; 436/807.000;
 436/808.000; 436/810.000
 NCL NCLM: 435/007.400
 NCLS: 422/056.000; 422/058.000; 435/007.940; 435/970.000; 435/973.000;
 435/975.000; 436/514.000; 436/528.000; 436/530.000; 436/807.000;
 436/808.000; 436/810.000
 IC [6]
 ICM: G01N033-573
 ICS: G01N033-558
 EXF 435/7.4; 435/7.9; 435/7.92; 435/7.94; 435/13; 435/969; 435/970; 435/973;
 435/975; 436/528; 436/530; 436/541; 436/808; 436/810; 436/811; 422/55;
 422/56; 422/58; 422/60; 422/61
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 271 OF 279 USPATFULL on STN

Full Text

AN 96:38763 USPATFULL
 TI Solutions for tissue preservation and bloodless surgery and methods
 using same
 IN Taylor, Michael, Pittsburgh, PA, United States
 PA Cryomedical Sciences, Inc., Rockville, MD, United States (U.S.
 corporation)
 PI US 5514536 19960507 <--
 AI US 1994-328020 19941024 (8)
 RLI Division of Ser. No. US 1993-92456, filed on 16 Jul 1993, now patented,
 Pat. No. US 5405742
 DT Utility
 FS Granted
 LN.CNT 1690
 INCL INCLM: 435/001.200
 INCLS: 604/004.000; 514/832.000
 NCL NCLM: 435/001.200
 NCLS: 514/832.000
 IC [6]
 ICM: A01N001-02
 ICS: A61M037-00
 EXF 435/1; 435/2; 514/832; 604/4
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 272 OF 279 USPATFULL on STN

Full Text

AN 96:27093 USPATFULL
 TI Detection of an acute myocardial infarction in a patient
 IN Hendricks, James B., Gainesville, FL, United States
 Mehta, Jawahar L., Gainesville, FL, United States
 PA Research Corporation Technologies, Inc., Tucson, AZ, United States (U.S.
 corporation)
 PI US 5503982 19960402 <--
 AI US 1993-130082 19930930 (8)
 DT Utility
 FS Granted
 LN.CNT 649
 INCL INCLM: 435/007.210
 INCLS: 435/002.000; 435/007.240; 436/172.000; 436/536.000; 436/546.000;
 422/082.020; 422/082.080

STN Columbus

NCL NCLM: 435/007.210
NCLS: 422/082.020; 422/082.080; 435/002.000; 435/007.240; 436/172.000;
436/536.000; 436/546.000

IC [6]

ICM: G01N033-49

ICS: G01N033-536; G01N033-564

EXF 435/7.21; 435/2; 435/7.24; 435/291; 435/808; 435/810; 435/967; 436/536;
436/546; 436/172; 436/800; 436/805; 436/808; 422/82.02; 422/82.08;
356/336

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 273 OF 279 USPATFULL on STN

Full Text

AN 95:31767 USPATFULL

TI Solutions for tissue preservation and bloodless surgery and methods
using same

IN Taylor, Michael J., Pittsburgh, PA, United States

PA Cyromedical Sciences, Inc., Rockville, MD, United States (U.S.
corporation)

PI US 5405742 19950411 <--

AI US 1993-92456 19930716 (8)

DT Utility

FS Granted

LN.CNT 1626

INCL INCLM: 435/001.000

INCLS: 604/004.000; 514/832.000

NCL NCLM: 435/001.200

NCLS: 514/832.000

IC [6]

ICM: A01N001-02

ICS: A61M037-00

EXF 435/1; 435/2; 604/4; 514/832

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 274 OF 279 USPATFULL on STN

Full Text

AN 95:8955 USPATFULL

TI Diagnostic and treatment method for cardiac rupture and apparatus for
performing the same

IN Oliva, Philip B., Boulder, CO, United States

PA Rose Health Care Systems, Denver, CO, United States (U.S. corporation)

PI US 5385156 19950131 <--

AI US 1993-113293 19930827 (8)

DT Utility

FS Granted

LN.CNT 843

INCL INCLM: 128/898.000

INCLS: 128/696.000

NCL NCLM: 128/898.000

NCLS: 600/508.000

IC [6]

ICM: A61B065-02

EXF 128/630; 128/669; 128/897; 128/898; 128/704; 128/696; 606/151; 623/1

L6 ANSWER 275 OF 279 USPATFULL on STN

Full Text

AN 94:99668 USPATFULL

TI Detection of cardiovascular lesions

IN Goldenberg, David M., Short Hills, NJ, United States

PA Immunomedics, Inc., Warren, NJ, United States (U.S. corporation)

PI US 5364612 19941115 <--

AI US 1991-694977 19910506 (7)

STN Columbus

DT Utility
 FS Granted
 LN.CNT 1163
 INCL INCLM: 424/001.530
 INCLS: 424/001.490; 424/009.000; 424/136.100; 424/152.100; 424/153.100;
 424/154.100; 424/172.100; 424/173.100; 530/391.300
 NCL NCLM: 424/001.530
 NCLS: 424/001.490; 424/009.341; 424/136.100; 424/152.100; 424/153.100;
 424/154.100; 424/172.100; 424/173.100; 530/391.300
 IC [5]
 ICM: A61K049-02
 ICS: A61K039-395
 EXF 424/1.1; 424/9; 424/1.49; 424/1.53; 530/396; 530/402; 530/409;
 530/388.25; 530/388.7; 530/391.1; 530/391.3

L6 ANSWER 276 OF 279 USPATFULL on STN

Full Text

AN 85:2114 USPATFULL
 TI Method and means for assessment and prediction of risk of subsequent
 ischemic cardiac events
 IN Shell, William E., Los Angeles, CA, United States
 Burnam, Michael H., Hidden Hills, CA, United States
 Tokes, Zoltan A., Los Angeles, CA, United States
 PA Immudx, Inc., San Diego, CA, United States (U.S. corporation)
 PI US 4492753 19850108 <--
 AI US 1982-433153 19821006 (6)
 DT Utility
 FS Granted
 LN.CNT 858
 INCL INCLM: 435/017.000
 INCLS: 128/637.000; 436/087.000; 436/183.000
 NCL NCLM: 435/017.000
 NCLS: 436/087.000; 436/183.000; 600/368.000
 IC [3]
 ICM: C12Q001-50
 ICS: G01N033-68
 EXF 436/2; 436/86; 436/87; 436/183; 436/63; 435/15; 435/17; 128/635; 128/637
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 277 OF 279 USPATFULL on STN

Full Text

AN 84:56652 USPATFULL
 TI Heart attack screening method, apparatus and kit for same
 IN Kiyasu, John Y., 94 Meadow St., Garden City, NY, United States 11530
 PI US 4476016 19841009 <--
 AI US 1982-360951 19820323 (6)
 RLI Continuation of Ser. No. US 1980-177669, filed on 13 Aug 1980, now
 abandoned which is a continuation-in-part of Ser. No. US 1978-922885,
 filed on 10 Jul 1978, now abandoned which is a continuation-in-part of
 Ser. No. US 1976-730102, filed on 6 Oct 1976, now patented, Pat. No. US
 4105499
 DT Utility
 FS Granted
 LN.CNT 1395
 INCL INCLM: 210/198.200
 INCLS: 422/070.000; 210/927.000
 NCL NCLM: 210/198.200
 NCLS: 210/427.000; 422/070.000
 IC [3]
 ICM: B01N015-08
 EXF 210/198.2; 210/446; 210/472; 210/DIG.24; 210/927; 055/386; 422/58;
 422/59; 422/61; 422/70; 422/101; 422/104; 422/99; 435/17; 435/194;

STN Columbus

435/803; 435/815; 435/816

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 278 OF 279 USPATFULL on STN

Full Text

AN 82:32825 USPATFULL
 TI Heart attack screening method and process
 IN Kiyasu, John Y., 94 Meadow St., Garden City, NY, United States 11530
 PI US 4338396 19820706 <--
 AI US 1980-177662 19800813 (6)
 RLI Continuation-in-part of Ser. No. US 1978-922885, filed on 10 Jul 1978, now abandoned which is a continuation-in-part of Ser. No. US 1976-730102, filed on 6 Oct 1976, now patented, Pat. No. US 4105499
 DT Utility
 FS Granted
 LN.CNT 1138
 INCL INCLM: 435/017.000
 INCLS: 210/635.000; 210/927.000; 435/194.000; 435/803.000; 435/815.000; 435/816.000
 NCL NCLM: 435/017.000
 NCLS: 210/635.000; 435/194.000; 435/803.000; 435/815.000; 435/816.000
 IC [3]
 ICM: C12Q001-50
 ICS: B01D015-08
 EXF 435/17; 435/194; 435/803; 435/816; 435/815; 023/230B; 210/198.2; 210/635; 210/656; 210/927
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 279 OF 279 WPIDS COPYRIGHT 2004 THE THOMSON CORP on STN

Full Text

AN 1997-164974 [15] WPIDS
 DNN N1997-135891
 TI Reperfusion assessment after thrombolytic **therapy** - Detects series of five variables from patient to generate probability of presence of persistent occlusion from variables.
 DC P31 S05 T01
 IN CALIFF, R M; CHRISTENSON, R H; OHANESIAN, M A; OHMAN, E M; SIGMON, K N; O'HANESIAN, M A
 PA (UYDU-N) UNIV DUKE
 CYC 22
 PI WO 9706725 A1 19970227 (199715)* EN 19 A61B005-00 <--
 RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: AU CA JP
 AU 9667759 A 19970312 (199727) A61B005-00 <--
 EP 869733 A1 19981014 (199845) EN A61B005-00 <--
 R: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 US 6033364 A 20000307 (200019) A61B005-60 <--
 ADT WO 9706725 A1 WO 1996-US13264 19960816; AU 9667759 A AU 1996-67759 19960816; EP 869733 A1 EP 1996-928200 19960816, WO 1996-US13264 19960816; US 6033364 A Cont of US 1995-516159 19950817, US 1997-966848 19971107
 FDT AU 9667759 A Based on WO 9706725; EP 869733 A1 Based on WO 9706725
 PRAI US 1995-516159 19950817; US 1997-966848 19971107
 IC ICM A61B005-00; A61B005-60

=> S L6 AND growth factor

16 FILES SEARCHED...
 17 FILES SEARCHED...
 32 FILES SEARCHED...
 47 FILES SEARCHED...
 60 FILES SEARCHED...

L7 7 L6 AND GROWTH FACTOR

STN Columbus

=> D L7 1-7

L7 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
Full Text

AN 2001:113116 BIOSIS
DN PREV200100113116
TI Serum levels of vascular endothelial **growth factor** in patients with
angina pectoris and acute myocardial infarction.
AU Yin Ruixing [Reprint author]; Feng Jianzhang; Chen Danhong; Wu Handong
CS Department of Cardiology, Institute of Cardiovascular Diseases, Guangxi
Medical University, Nanning, 530021, China
SO Chinese Medical Sciences Journal, (December, 2000) Vol. 15, No. 4, pp.
205-209. print.
ISSN: 1001-9294.
DT Article
LA English
ED Entered STN: 7 Mar 2001
Last Updated on STN: 15 Feb 2002

L7 ANSWER 2 OF 7 JICST-EPlus COPYRIGHT 2004 JST on STN
Full Text

AN 940556500 JICST-EPlus
TI Changes of Cytokines During Open-heart Surgery with Cardiopulmonary
Bypass.
AU KAWAMURA TAKAE; INADA KATSUYA; KIMURA OKA; OKADA KAZUTOSHI; WAKUSAWA REIJI
CS Iwate Med. Univ., Sch. of Med.
SO Nippon Rinsho Masui Gakkaishi (Journal of Japan Society for Clinical
Anesthesia), (1994) vol. 14, no. 5, pp. 413-419. Journal Code: Y0691A
(Fig. 5, Tbl. 3, Ref. 19)
ISSN: 0285-4945
CY Japan
DT Journal; Article
LA Japanese
STA New

L7 ANSWER 3 OF 7 USPATFULL on STN
Full Text

AN 1999:72705 USPATFULL
TI Peptides and their use to ameliorate cell death
IN Rabkin, Simon W., Vancouver, Canada
Krystal, Gerald, Vancouver, Canada
PA Simon W. Rabkin, Vancouver, Canada (non-U.S. corporation)
PI US 5917013 19990629
AI US 1996-759599 19961205 (8) <--
PRAI US 1995-8233P 19951206 (60)
DT Utility
FS Granted
LN.CNT 900
INCL INCLM: 530/300.000
INCLS: 530/326.000; 530/327.000; 530/329.000; 536/023.100
NCL NCLM: 530/300.000
NCLS: 530/326.000; 530/327.000; 530/329.000; 536/023.100
IC [6]
ICM: C07H021-00
ICS: C07K007-06; C07K007-08; C07K014-00
EXF 514/2; 514/13; 514/14; 514/15; 514/16; 514/17; 514/44; 530/300; 530/326;
530/327; 530/328; 530/329; 536/23.1; 536/23.2; 536/23.7
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 7 USPATFULL on STN
Full Text

STN Columbus

AN 1998:131550 USPATFULL
 TI Method of detecting myocardial infarction
 IN Matsumori, Akira, Minoo, Japan
 PA Akira Matsumori, Osaka-Fu, Japan (non-U.S. corporation)
 Otsuka Pharmaceutical Co., Ltd., Tokyo-To, Japan (non-U.S. corporation)
 PI US 5827673 19981027 <--
 AI US 1996-696160 19960813 (8)
 DT Utility
 FS Granted
 LN.CNT 598
 INCL INCLM: 435/007.920
 INCLS: 435/007.940; 436/536.000; 436/540.000; 436/548.000; 436/811.000;
 436/815.000; 530/380.000; 530/403.000
 NCL NCLM: 435/007.920
 NCLS: 435/007.940; 436/536.000; 436/540.000; 436/548.000; 436/811.000;
 436/815.000; 530/380.000; 530/403.000
 IC [6]
 ICM: G01N033-53
 ICS: G01N033-536; G01N033-541; G01N033-543
 EXF 435/7.92; 435/7.94; 436/536; 436/540; 436/548; 436/811; 436/815;
 530/380; 530/403
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 7 USPATFULL on STN

Full Text

AN 1998:57721 USPATFULL
 TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and
 devices
 IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States
 07042
 PI US 5756296 19980526 <--
 AI US 1995-575781 19951222 (8)
 RLI Continuation of Ser. No. US 1993-169517, filed on 17 Dec 1993, now
 abandoned
 DT Utility
 FS Granted
 LN.CNT 1658
 INCL INCLM: 435/006.000
 INCLS: 435/091.500; 536/023.100; 536/025.300; 935/001.000; 935/076.000
 NCL NCLM: 435/006.000
 NCLS: 435/091.500; 536/023.100; 536/025.300
 IC [6]
 ICM: C12Q001-68
 ICS: C12P019-34; C07H021-00; C12N015-00
 EXF 435/6; 435/91.1; 435/91.2; 436/164; 436/172; 436/508; 536/23.1;
 536/24.3; 536/24.33; 536/25.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 7 USPATFULL on STN

Full Text

AN 1998:39692 USPATFULL
 TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and
 devices
 IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States
 07042
 PI US 5739305 19980414 <--
 AI US 1995-487968 19950607 (8)
 RLI Division of Ser. No. US 1993-169517, filed on 17 Dec 1993, now abandoned
 DT Utility
 FS Granted
 LN.CNT 1579
 INCL INCLM: 536/023.100

STN Columbus

INCLS: 536/025.320; 436/094.000; 935/006.000
 NCL NCLM: 536/023.100
 NCLS: 435/DIG.040; 436/094.000; 536/025.320
 IC [6]
 ICM: C07H021-02
 ICS: G01N033-00; C12N015-00
 EXF 435/6; 435/91.1; 435/91.2; 435/270; 435/183; 536/23.1; 536/24.3-24.32;
 536/25.32; 935/1-3; 935/5; 935/8; 935/19; 935/76; 935/77; 935/78;
 935/85; 935/111; 530/387.1; 530/388.2; 530/391.1; 530/811; 530/812;
 530/815; 436/94
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 7 USPATFULL on STN

Full Text

AN 97:71172 USPATFULL
 TI Nucleotide-directed assembly of bimolecular and multimolecular drugs and devices
 IN Cubicciotti, Roger S., 258 Midland Ave., Montclair, NJ, United States 07042
 PI US 5656739 19970812 <--
 AI US 1995-487959 19950607 (8)
 RLI Division of Ser. No. US 1993-169517, filed on 17 Dec 1993
 DT Utility
 FS Granted
 LN.CNT 1686
 INCL INCLM: 536/023.100
 INCLS: 435/006.000; 435/005.000; 435/091.100; 536/024.300; 536/024.320;
 536/024.330; 530/300.000; 530/388.100
 NCL NCLM: 536/023.100
 NCLS: 435/005.000; 435/006.000; 435/091.100; 530/300.000; 530/388.100;
 536/024.300; 536/024.320; 536/024.330
 IC [6]
 ICM: C07H021-04
 ICS: C12Q001-68; C12Q001-70; C19P019-34
 EXF 435/6; 435/5; 435/91.1; 435/91.2; 435/7.1-7.9; 536/25.5; 536/34.3-33;
 530/388.1; 530/300
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> end

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
621.59	621.80

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